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UNITED STATES OF AMERICA:
WAR DEPARTMENT.

U.S. Signal office

INDEX OF

METEOROLOGICAL OBSERVATIONS

IN THE

UNITED STATES,

FROM THE EARLIEST RECORDS TO JANUARY, 1890.

COMPILED IN THE RECORDS DIVISION OF THE SIGNAL OFFICE,

UNDER THE DIRECTION OF
Brigadier General A. W. GREELY,
CHIEF SIGNAL OFFICER, U. S. ARMY.

PUBLISHED BY AUTHORITY OF THE SECRETARY OF WAR.

WASHINGTON CITY:
SIGNAL OFFICE,
1891.

PREFACE.

The extension of the scope of the Signal Service since its organization in November, 1870, has naturally made it a bureau of record for the great mass of meteorological observations which have been made in the United States. But while much diligence has been shown in the accumulation of records, little effort appears to have been made until the organization of a division of records by the present Chief Signal Officer, in 1887, for their preservation. Indeed, to such an extent was the care and examination of these important records subordinated to the general work of storm and weather forecasting, that the exercise of even ordinary business methods of indexing and filing was neglected.

The gummed stub files in which the records were originally pasted were, moreover, of such unsubstantial structure as to endanger their own preservation, as well as that of their contents, in case of any considerable handling. The Chief Signal Officer's attention was therefore first directed to the systematic arrangement of the records under consideration in properly indexed volumes, and their subsequent binding in a more substantial manner. This duty was satisfactorily performed by the Records Division in 1888, under the supervision of Mr. A. J. Henry, whose industry and intelligence have contributed in a great measure to the orderly arrangement of the files of that division. It was found, however, that in many cases the accumulated records for a single state, when indexed and bound, filled from 15 to 18 large volumes, and that while it was an easy matter to refer to any given report, it became a somewhat laborious proceeding to ascertain the character of data, length of record, location of stations of observation, etc., for the state as a whole. It was also found that with some records of observations in manuscript, some as mean values in printed reports and manuscript, and still others embodied in various forms and reports, there was great danger of overlooking some portion of the records when making a hasty and exhaustive review of the climatic features of any region.

Accordingly, the preparation of the following *preliminary* index of meteorological observations in the United States was undertaken, with a view of presenting in condensed form the essential features in regard to each station of observation of which the Signal Office has cognizance.

In a work of this character, it is, of course, impossible to put forth a compilation free from error, or one that shall be complete in all respects. Indeed, an index which might cover the field of observations at the present writing would be imperfect six months hence, because of the new series of observations which are constantly being brought to the attention of the Signal Office. It was therefore considered advisable to complete the index to January 1, 1890, and to reserve one side of each page for interlineations and explanatory notes.

There will be found in the index a reference to (1) the published results of observations made under the auspices of the Smithsonian Institution, the Patent Office, the Medical Department of the Army, State Weather Services and meteorological societies; (2) the manuscript records of observations in the files of the Signal Office, received from all sources prior to January 1, 1890.

The manuscript records of observations from voluntary and other co-operating observers generally begin with December, 1873, those prior to that year being still in the possession of the Smithsonian Institution.*

The kind and hearty co-operation of the Surgeon General of the Army has afforded the Signal Office a complete file of the valuable reports of observations which for nearly three-quarters of a century have been maintained by that corps of the Army. This pioneer system of meteorological record, beginning in 1819, has continued to the present time, practically without interruption, and is still maintained at a high degree of efficiency.

The only abbreviations used which may need explanation are as follows:

"S. S." indicates a regular station of the Signal Service; the class, as 1st, 2d, or 3d order, being given in the column "Remarks."

"Riv.," "Rfl.," "C. R." indicate, respectively, special river stations, special rainfall stations, and special cotton-region stations.

"V. O.," "W. S.," "R. R." indicate, respectively, (1), voluntary observers reporting direct to the central office in Washington; (2), voluntary observers reporting through the State central office, and (3), stations of the Central and Southern Pacific Railway companies reporting through their headquarters in San Francisco.

"M. D." indicates stations of the Medical Department of the Army reporting monthly through the Surgeon General, U. S. Army.

In the column "Remarks" the significance of the abbreviations "Bar.," "Hyg.," etc., will be understood without explanation. Whenever abbreviations of the above character are given, the manuscript records, are, as a rule, on file in the Signal Office. The words "max." and "min." indicate extremes of temperature from self-registering instruments, in addition to the usual mean values.

The stations of observation have been arranged with reference to their geographical position in each state or territory. Beginning with the northern tier of counties, all stations in that tier have been listed in order from west to east, then the stations in the tier of counties immediately underneath, and in like manner until all stations in the state have been listed. The states and territories have been arranged alphabetically, and the pages in each numbered consecutively; thus the pages in Alabama are numbered 1 to 6, inclusive, California 1 to 18, inclusive, etc. The names of stations having less than a year's observations will be found at the end of the tabulated record for each state or territory.

In the preparation of this index, and in the making of the stencils, there has been room for clerical errors, but the number will be found, comparatively, very small in proportion to the large number of entries. Furthermore, a considerable portion of the index was prepared and in use several months before the remainder, and during this interval some alterations have become necessary.

To present the corrections arising from these sources there has been prepared a table of errata which will be found at the end of the volume. In the preparation of this table full use has been made of the first and second bulletins of the U. S. Board on Geographic Names, and in all cases not yet passed upon by this board, the Official Postal Guide, as corrected to April, 1891, has been accepted as standard.

The form in which the table of errata is presented will be found to facilitate the work of correction, for the correct reading may readily be cut out and pasted over the error as found in the body of the index.

While the central office will derive the greatest benefit from such an index, it will also greatly aid observers in charge of the more important Signal Service stations in their current work, and in the matter of furnishing information to the general public as to character and extent of observations of

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*Since writing the foregoing, the custody of the complete manuscript records of meteorological observations in the United States collected by the Smithsonian Institution from 1840 to 1874 has been placed for safe storage in the hands of the Chief Signal Officer through the generous and co-operative spirit of the Secretary of that Institution, Professor S. P. Langley. By this action, practically all of the meteorological records pertaining to the United States have been brought together in one establishment, a result which must seem eminently satisfactory to all students of meteorology and its allied branches.

One important point should be remembered in this connection, viz.: That a majority of the series of observations throughout the index bearing the abbreviation "Sm. Col." to which rainfall and temperature only are credited, contains in addition thereto observations of pressure, wind, weather, and miscellaneous phenomena. Lack of time, however, prevents any attempt at classification for the present.

record for all sections of the country, etc., etc. It is still further aimed to complete, at an early date, a brief card history of each meteorological station, which shall contain much valuable matter not susceptible of being tabulated in a report of this character. Individual research and investigation in the past have no doubt been greatly hindered by a lack of some convenient and reliable record of observations already made. The additional fact that information of this character could be obtained only by application to the Chief Signal Officer has also been an obstacle in the way of those who might have been inclined to devote some time to the elucidation of the many interesting problems connected with the climatology of the country.

It should be the aim of local observers to acquaint those persons likely to become interested in such matters with the work that has been done in their localities and thus stimulate renewed activity on the part of public-spirited citizens, upon whose efforts the Weather Bureau must ever depend for whatever degree of excellence it may attain in the matter of collecting meteorological statistics.

Observers or others receiving this volume are requested to notify the Chief Signal Officer of the omission of any series of observations, reporting at the same time of whom such series can be obtained, whether published or in manuscript, etc., etc.

It remains to acknowledge the services of Mr. George W. Smith and Mr. George A. Warren, clerks of the Records Division, for the industry and intelligence with which they have labored to complete this work.

A. W. GREELY,
Chief Signal Officer.

UNITED STATES SIGNAL SERVICE.

INDEX OF METEOROLOGICAL OBSERVATIONS *made in the state of* ALABAMA *from the earliest records to January 1, 1890.*

Number and class.	County and station.	Latitude.	Longitude.	Elevation above sea-level.	Record. Length.	Record. From—	Record. To—inclusive.	T. or R. missing.	Remarks.
		° ′	° ′						
	LAUDERDALE.								
V O	Florence	34 43	87 45		1 0	Jan'49	Dec'49		Schott
W S	Florence	34 48	87 37		5 0x	Jun'84			Temp. record broken
	LIMESTONE								
W S	Elkmont	34 52	86 56		0 11	Feb'89			
	MADISON.								
V O	Huntsville	34 45	86 40	690	12 0x	Jan'31	Dec'73		(Thomas Bk's.R.Max.& Min.T.
M D	Huntsville	34 45	86 44		3 11	Jun'73	Aug'77		
V O	Newmarket	34 54	86 27	809	1 8	Jan'88	Aug'89		Complete obs. except hygrom.
	JACKSON.								
C R	Scottsborough	34 45	85 53		3 4x	Apl'82	Aug'89		
	COLBERT								
C R	Tuscumbia	34 40	87 42		3 9x	Apl'82			
W S	Tuscumbia	34 42	87 33	433	5	Mar'84			Clds.Wind. T & R
	LAWRENCE.								
V O	Moulton	34 27	87 25	345	7 10x	Mar'59	Dec'73		Schott
V O	Moulton,	34 27	87 25		1 0	Jan'73	Dec'74		Complete observations
	MORGAN.								
Riv	Decatur	34 35	86 53		9 7	Feb'79		T	
C R	Decatur	34 33	86 59	577	2 0x	Apl'82			
W S	Trinity	34 33	87 05	875	3 1	Mar'84	Apl'87		Mount View
	MARSHALL.								
V O	Guntersville	34 24	86 15		0 6	Jul'89			
	DE KALB								
V O	Valley Head	34 30	85 30	1050	4	x Jun'85			R.& T. to Oct'88, then Max-Min.
	WINSTON.								
V O	Double Springs				3	Oct'89			R.Max-Min. T. complete
V O	Notes	34 09	87 24		11	Nov'88	Sep'89		Obs'r moved to Double Springs
	ETOWAH.								
V O	Gadsden	34 02	86 02		5	x			
	CHEROKEE								
W S	Centre	34 10	85 37	729	4	Jan'85	Aug'89		
	FAYETTE.								
W S	Fayette, C. H.	33 42	87 48		5	x Jul'84			T. incomplete to June '89

X Record broken.

A L A B A M A

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	JEFFERSON	°	′	°	′							
V O	Birmingham	33	32	86	37	600	1	6	Sep'84	Jun'90		Complete obs. except pressure
C R	Birmingham	33	32	86	37		2	2	Apl'82	Sep'87		
V O	Elyton	33	30	86	54		1	2	Jan'70	Feb'71		Schott
	St CLAIR											
V O	Ashville	33	52	86	20		1	0	Jan'57	Dec'57		Schott
V O	Ashville							3	Jan'81	'82'83		Temp. only
	CALHOUN											
W S	Jacksonville	33	50	85	42	653	1	11	Jun'84	May?86		Apl. & Sep'85 missing
	CLEBURNE											
W S	Edwardsville	33	44	85	49		1	4	Jun'84	Oct'85		Sep'85 missing
	PICKENS											
W S	Carrollton	33	14	88	03		3	4	Jul'84	Nov'88		R. max & min. T only
	TUSCALOOSA											
V O	Tuscaloosa	33	12	87	28	245	2	2	Mar'84	May'86		Complete observations
V O	Tuscaloosa	33	12	87	42		0	11	Jan'54	Mar'65		Schott
C R	Tuscaloosa	33	12	87	42		0	11	Apl'82	Oct'83		
W S	Tuscaloosa	33	12	87	42	240	3		Jul'86			Complete observations
	SHELBY											
C R	Calera	33	06	86	31	502	2	8	Apl'82	Jul'87		
V O	Columbiana	33	15	86	36			2x	Apl'73	Apl'76	R	
V O	Columbiana	33	15	86	33			9	Apl'89			R. max. & min. T
V O	Wilsonville	33	02	86	02	350	1	9x	Nov'74	Sep'79		Complete observations
	TALLADEGA											
C R	Talladega	33	27	86	04			11	Apl'82	Oct'83		
W S	Talladega	33	27	86	04		1	9	Nov'87	Aug'89		T (dry bulb) & R
	RANDOLPH											
W S	Roanoke	32	12	85	23		1	7	Aug'84	Mar'88		R & T only
	HALE											
V O	Erie	32	48	87	31		1	2	May'24	Jun'27		Schott. T only
V O	Erie	32	48	87	31		3	8	May'49	'52		Schott. T only
V O	Greensboro	32	42	87	35	220	5	4	Jan'56	Jan'70		Schott. R. & T. only
W S	Greensboro	32	41	87	36	220	3		Apl'84			R. & T.
V O	Green Springs	32	47	87	43		24	2	Jan'54	Jul'85		T. & R. to '74 (Schott) complete observations except bar. thereafter

X Record broken.

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		° ′	° ′							
	HALE									
V O	Havana (6 m. E)	32 52	87 36	300	2	0	Jan'68	Dec'69		T.complete. R. broken
	PERRY									
V O	Marion	32 38	87 26	430		3	Oct'73	Dec'73		T & R Schott.
W S	Marion	32 38	87 21	430	3	6	Mar'74	Jun'75		Complete obs.except bar.
W S	Marion	32 38	87 21	430	3	6	Mar'84	Oct'87		T & R only
C R	Uniontown	32 18	87 30			11	Apl'82	Oct'83		
W S	Uniontown	32 28	87 30	273	1	4	Aug'88			Comp't obs;also soil temp.
	CHILTON									
W S	Clanton	32 52	86 36	591	1	6x	Mar'84	Sep'85		
	CHAMBERS									
	La Fayette	32 56	85 24	865	1	9x	Jul'84	Apl'86		R & T
	SUMPTER									
V O	Coatopa	32 40	88 15	350	1	11x	Jan'70	Nov'71		Schott
C R	Livingston	32 35	88 19	180	2	11	May'84			
V O	Livingston	32 34	88 05	150	3		Sep'8[illegible]			T.(max.-min)bar.hygrom.& R
	MERENGO									
C R	Demopolis	32 31	87 52			11x	Apl'82	Oct'83		
	DALLAS									
V O	Carlowville	32 10	87 [illegible]5	400	15	3	Jun'56	Sept'77		Schott & miscel. reports
V O	Selma	32 30	87 [illegible]0	236	3	10::	Jan'58	May'74		
C R	Selma				4	0	Apl'82			Max.min. & R. Record broken
V O	Selma				2	2	Jun'84	Oct'87		T only and broken
V O	Selma	32 25	87 00	200	2	1	Feb'86	Jan'89		T & R a few months missing
	AUTAUGA									
W S	Prattville	32 28	86 29	190	2	1	Jan'84	May'86		full obs.except bar Feb to May 1886,previous thereto.R & T
	ELMORE									
W S	Wetumpka	32 33	86 02		1	5	Jun'84	Nov'85		R mx. min. T(Apl'85 missing)
	LEE									
V O	Auburn	32 40	85 30	826	3		Jan'55	Jan'58		Schott T.& R. broken
W S	Auburn						Jan'81	Dec'87		T & R (Jun'87 missing)
S S	Auburn (3d Ord)						Feb'87			bar.hyg.soil temp.radiation R
V O	Opelika(near)	32 38	85 25		3	0	Jan'67	Dec'69	R	Schott T & R
C R	Opelika				4	1	Apl'82			R. Max. - Min T (broken)

X Record broken.

														H A L E
V	O	Havana (1 m. E)	32	87	26	300	2	O	Jan'68	Dec'68				T.complete. R. broken
														P I R R Y
V	O	Lafiore	32	38	87	28	440		3	Oct'72	Dec'72			T & R Sobott.
		Lafiore	32	28	87	21	420	2	6	Jan'74	Jan'75			Complete obs.except 'er.
W	C	Lafiore	32	18	77	21	430	3	6	Jan'84	Oct'87			T & R only
C	R	Tiamatawa	32	18	97	30			11	Apl'82	Oct'85			
W	C	Tiamatawa	32	38	87	20	273	1	4	Aug'88				Comp't obs;also soil temp.
														CHILTON
W	S	Clayton	32	22	83	36	391	1	6x	Mar'84	Sep'85			
														CHAMPION
		La Fayette	32	53	85	94	805	1	8x	Jul'84	Apl'86			R & T
														DARTEN
V	O	Cheyenne	2	40	98	15	360	1	11x	Jan'70	Nov'71			Sobott
C	T	Livingston	32	35	99	19	180	2	11	May'04				
V	O	Livingston	32	34	89	05	150	2		May'87				T.(max.-min)bar.hygrom.& R
														H E R E N R O
C	R	Fertgolis	32	31	87	32			11x	Apl'82	Oct'85			
														CULAS
V	O	Carlosville	32	10	87	3	400	15	3	Jun'56	Sept'77			Sobott & missel. reports
V	O	Sinia	32	50	87	7	258	3	10	Jan'50	May'74			
C	T	Selma						4	0	Apl'82				Max.min. & R. Record broken
V	O	Selma						2	2	Jun'64	Oct'87			T only and broken
V	O	Selma	32	25	27	00	200	2	1	Feb'60	Jan'63			T & R a few months missing
														ALTAMAL
C	T	Pratsville	2	38	85	29	190	2	1	Jan'64	May'15			Full obs.except but for to day
														IRIS,previous temp.& T
														CLAYTE
C	T	Natrona	2	38	86	02		1	5	Jun'04	Nov'85			R max. min. T(Apl'85 missing)
														L A S
V	O	Antoine	32	40	85	30	826	3		Jan'55	Jan'59			Sept'74 T.& M. broken
C	T	Antoine								Jan'81	Dec'87			T & R (Jun'87 missing)
C	T	Antoine (22 yrs)								Jul'87				Bar.hyg.soil temp.readings R
V	O	Opelika(water)	32	38	85	25		3	0	Jan'67	Dec'68	11		Sobott T & R
C	O	Opelika						4	1	Apl'82				R. Max. - Min T (broken)

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	CHOCTAW	°	′	°	′							
W S	Butler	32	05	88	12			1	Jan'89			R. Max. & min. T
	WILCOX											
C R	Pine Apple	31	52	87	05		4	4x	Apl'82			Max. min. T and R.
V O	Prairie Bluff	32	08	87	32		1	0	Jan'67	Dec'67	R	Schott
	LOWNDES											
C R	Fort Deposit	31	59	86	36		2	5x	May'84			R. Max. & min. T
V O	Mt.Willing	32	07	86	44		5		Sep'84			Complete to Aug'87
	MONTGOMERY											
V O	Montgomery	32	25	86	18	187	1	7x	Mar'49	Apl'61		Schott
SS	Montgomery	32	23	86	18	17	17	6	Sep'72			2d order-Nov.& Dec70 also
	BULLOCK											
V O	Union Springs	32	08	85	39	516	20	0	Jan'68	Dec'87	T	
W S	Union Springs	32	12	85	39	513	5		Mar'84			R & T (dry-bulb)
	RUSSELL											
V O	Ft. Mitchell	32	30	85	00		1	3	Jul'36	Sep'37	T	Schott
W S	Oswichie	32	15	85	00		1	11	Jun'86	Dec'87		R & T (dry-bulb)
	MONROE											
V O	Monroeville	31	32	87	23	150	5	5	Mar'49	Nov'55		Schott (mean rainfall)
V O	Monroeville						1	5x	Jan'54	Nov'55	T	Schott
V O	Monroeville						3	11x	49	'53		Schott (no detailed record)
V O	Bermuda	31	43	87	12		3		Feb'86			R & T dry to Jan'88 then mx-mi
	CONECUH											
C R	Evergreen	31	25	86	57		2	7x	May'84			R- Max. & min.
	BUTLER											
C R	Greenville	31	50	86	36	450	3	1x	Apl'82	Oct'87		R- Max. & min.T
W S	Greenville	31	50	86	36	450	1	7x	Apl'84	Nov' 85		R & T
	CRENSHAW											
W S	Luverne	31	45	86	20			7	Jun'89			R & T (max. & min.)
	PIKE											
V O	Troy	31	48	86	02	450	1	8x	Apl'72	Nov'73		Schott T & R
V O	Troy	31	38	86	16	250	2	4	Mar'74	Jun'76		T-R- Wind and clouds
V O	Troy	31	50	85	59	450	4	11	Jun'84	May'89		R & T (max. & min.)
	BARBOUR											
C R	Eufaula	31	55	85	03	300	3	0x	May'84			R & T (max. & min.)
W S	Eufaula						3	5	Mar'84	Jan'87		R & T (max. & min.) Nov.Dec'84 and Jan. Feb'85 missing.

X Record broken.

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		°	′	°	′							
	COVINGTON											
V O	Wiggins	31	00	87	45			10	Mar'89			R & T (max. & min)
	COFFEE											
W S	Clintonville	31	26	85	54		1	10x	Jun'84	Apl'86		R & T (dry-bulb)
	MOBILE											
V O	Citronelle	32	42	88	05	150	1	5	Jul'88			T (one obs. at 5 p.m.)
W S	Citronelle	31	07	88	12	150	1		Jan'89			R & T (max. & min)
V O	Mobile	30	41	88	02	15	3	0	Jan'40	Dec'42		Schott
V O	Mobile								Aug'59	Feb'70		Schott
M D	Mobile	30	42	88	01	42	1	4x	Apl'72	Sep'73		
S S	Mobile	30	41	88	02	35	19	1	Nov'70			2d order. Office burned in Nov'80, no record that month
V O	Mt.Vernon Bks.	31	12	88	02	200	19	7x	Aug'40	Dec'60		Schott
M D	Mt.Vernon Bks.							9x	Jan'60	Nov'60		3 full obs. except. barometer
M D	Mt. Vernon Bks.						3	2	Oct'73	Nov'76		
M D	Mt.Vernon Bks.						7	10	Mar'82			
	BALDWIN											
V O	Bolivar	30	23	87	51	17		10x	Jan'67	Sep'68	R	Schott
V O	Bolivar						2	6x	Jan'67	Feb'71	T	Schott
V O	Ft. Morgan						2	8x	Jan'35	Jul'43	R	Schott

X Record broken.

Fragmentary Records of less than a year in length are on file from the Following Stations

ALABAMA

Station	County	Station	County	Station	County
Ashland	Clay	Newbern	Hale	Summerville	Lee
Bluff Springs	Clay	Newton	Dale	Summerville	Lee
Bon Secour	Baldwin	Orville	Dallas	Bolling	Butler
Cahaba	Dallas	Springhill Col.	Mobile	Huntsville	Madison
Eutaw	Greene	Tuskegee	Macon	Russellville	Franklin
Fort Gaines	Mobile	Vernon	Lamar	Brundridge	Pike
Edwardsville	Cleburne	Yorkville	Pickens	Springville	Cleburne
Menlo	Jackson	Dadeville	Tallapoosa	Grove Hill	Clark
Monroe	Tuscaloosa	Wewokaville	Talladega	Lineville	Clay
Mt. Airy	Dallas	Eden	St. Clair		

Frequently heard of but than a year in length are on file in the city

Delivery Stations

Station	County	Station	County	Station	County
[illegible]	Clay	Newport	Tall	Greenville	Lee
Gulf Springs	Cle	[illegible]	Wal	Greenville	Lub
Ina Depot	Baldwin	Orrville	Dallas	Quitman	Smith
[illegible]	Dallas	Springhill Co.	Mobile	Huntsville	[illegible]
[illegible]	Crenshaw	Tuskegee	Macon	Hazelhurst	Franklin
[illegible]	Mobile	Vernon	Lamar	Lynchburg	Pike
[illegible]	Clarke	Yorkville	Pickens	Springville	[illegible]
[illegible]	[illegible]	Dadeville	Talladega	Cove Hill	Clay
[illegible]	Tuscaloosa	Newbaville	Talladega	Lineville	Clay
Ala. Jury	Dallas	Elmo	St. Clair		

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		°	′	°	′							
S S	OOglaamie	71	17	156	40	17	1	9	Oct'81	Aug'83		2d Order
S S	"								Aug'89			3d Order
S S	Petropauloviski	53	01	201	07		4	2	Jul'82	Aug'86		3d Order (2 obs. daily)
S S	Omilak	65	00	162	57		1	0	Jan'84	Apl'85		3d Order (one obs. daily)
S S	Huduckayet	65	10	150	00		3	3	Aug'82	May'86		3d Order (2 obs. daily)
S S	Tchatowklin	65	30	143	38		2	2	Oct'82	May'86		3d Order "
S S	Fort Reliance	64	55	141	00		1	6	Sep'82	May'86		3d Order (one obs. daily)
S S	Ft.St. Michaels	63	23	161	48	30	12	0	Jun'74	Jun'86		2d Order Full reports
S S	Mission	62	55	161	05		2	3	Aug'83	May'86		3d Order (one obs. daily)
S S	Anvik	62	37	160	08		2	3	Sep'82	May'85		" "
S S	Anvik								Sep'87			3r Order (2 obs daily) After Aug.18,1889 only one obs daily
S S	Koskokvim	61	34	158	37		2	9	Jul'82	May'86		(Kolmakoffsky)3d Ord.2 obs.
S S	Bethel	60	46	161	34				Nov'85			2d-OrderFrom Nov'85 to Mar'86 only one report reed and that is unreliable
S S	Kenai	60	32	151	19		3	8	Sep'82	May'86		3d Order (2 obs daily)aneriod
S S	PortEtches	60	18	146	30		1	4	May'83	Aug'84		3d Order " "
S S	Ft. Alexander	58	57	158	18	38	3	0	Aug'81	Jun'85		3d Order (2 obs. daily)
S S	" "							11	Jul'85	Jun'86		2d Order (mercurial Bar.)
S S	Chilkaht	59	00	136	0		6	2	Sep'81	Dec'87		(Chilcoot,Pyramid Harbor) 3d Order 2 obs daily;aneriod Bar
S S	Harrisburg	58	19	134	28		2	2	Jun'81	Oct'84		(Juneau City)3d Order. 2 obs. and one obs.at various inter's
S S	St.Paul's Isl.	57	10	170	01		7	7	Jun'72	Dec'82		2d Order. Full observations
S S	Ugashik	57	46	157	45		2	3	Aug'83	Jan'86		3d Order (one obs. daily)
S S	Hoochnahoo	57	22	134	29		6	11	May'81	Mar'88		(Killisnoo) 3d Order;2 obs.
S S	Sitka	57	03	135	19	63	6	5	Mar'81	Sep'87		2d Order. Full observations
S S	Behring Island	55	12	194	05	20	5	0	May'82	May'86		2d Order.Full observations
S S	Marzovia	55	03	163	10		1	5	Nov'81	May'85		3d Order (one obs.daily)
S S	Unalashka	53	53	166	32	13	6	2	Aug'78	May'86		2d Order Full observations except from Jun'81 to Mar'82 when 3d Ord. of 2 obs. daily

X Record broken.

2 Oqlanta	71	17	153	00	17	1	2	Oct'81	Aug'85	24 Order
2 "								Aug'83		24 Order
1 Petropavlovsk	00	201	07			4	2	Jul'02	Aug'08	24 Order (2 obs. daily)
1 Omsk	00	00	153	57		1	0	Jan'04	Apr'85	24 Order (one obs. daily)
2 Ingudeyev	08	10	150	00		3	3	Aug'02	May'06	24 Order (2 obs. daily)
2 Tyler-Vale	08	30	142	39		2	1	Oct'02	May'08	24 Order "
2 Fort Reliance	63	32	141	00		1	3	Sep'83	May'85	24 Order (one obs. daily)
2 St. Jn. Ikokaela	58	23	131	42	70	12	0	Jun'74	Jun'08	24 Order Full reports
2 Dawson	41	55	161	08		2	3	Aug'83	May'86	24 Order (one obs. daily)
2 Nuwik	62	27	160	08		2	3	Sep'72	May'05	" "
2 Ashik								Sep'87		27 Order (2 obs daily) After Aug.18, 1809 only one obs daily
2 Kotzebuin	67	34	163	27		2	9	Jul'02	May'06	(Aborigolinky)24 Ord.2 obs.
2 Teller	60	48	161	34					Nov'86	24-OrderFrom Nov'87 to Mar'88 only one report read and that is unreliable
2 Kenai	30	32	151	19		3	8	Sep'82	May'86	24 Order (3 obs daily)inserted
2 Fort Kamber	00	18	143	30		1	4	May'03	Aug'84	24 Order " "
2 Ft. Alexander	10	27	150	18	38	3	0	Aug'01	Jun'85	24 Order (2 obs. daily)
2 " "						11		Jul'85	Jun'86	24 Order (meteorical Ber.)
1 Chilkoot	30	00	135	0		6	2	Sep'81	Dec'87	(Chilcoot,Pyramid Harbor) 24 Order 2 obs daily;inserted Ber
2 Nulato(?)	38	19	164	23		2	2	Jun'81	Oct'84	(Juneau City)24 Order.2 obs. and one obs.at various inter's
1 [illegible]'s Isl.	37	10	170	01		7	7	Jan'72	Dec'82	24 Order. Full observations
1 [illegible]shts	07	40	187	45		2	3	Aug'83	Jan'86	24 Order (one obs. daily)
4 [illegible]-Sachao	07	22	164	29		6	11	May'81	Mar'88	(Kilikanoo) 24 Order;2 obs.
2 Sitka	37	03	135	19	65	6	5	Mar'81	Sep'87	24 Order. Full observations
2 Fabrica Island	36	12	154	08	20	6	0	May'82	May'86	24 Order.Full observations
2 Varrova	36	06	165	10		1	5	Nov'81	May'85	24 Order (one obs.daily)
2 Unalaska	35	53	165	32	13	6	2	Aug'78	May'86	24 Order Full observations except from Jun'81 to Mar'02 when 24 Ord. of 2 obs. daily

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		° ′	° ′						
S S	Petropaulovski	53 01	201 17		4 2	Jul'82	Aug'86		3d Order (2 obs. daily) aneroid barometer & c.
S S	Atka	52 15	185 45		4	May'79	Aug'79		2d Order (no barometer)
S S	"				3 7	Oct'81	May'85		3d Order (2 obs. daily) aneroid barometer & c.
S S	"				4	May'86	Aug'86		3d Order (2 obs. daily)
S S	Kyska	51 59	182 23		1 0	May'85	May'86		3d Order (2 obs. daily) aneroid barometer & c.

Fragmentary records of less than a year in length are on file from the following Stations:

Omilak	65 00	162 57
Nulato	64 41	158 13
Noonyah	59 45	140 00
St.George Isld.	56 37	169 37
Fort Wrangel	56 30	132 28
Cordova Bay or Howkan	54 45	132 30
Chernofsky	53 25	167 14
Attou	52 58	187 34

X Record broken.

2 Petropaulovski	63	61	201	17	4	2	Jul'88 Aug'88	24 Or or (2 obs. daily) auxi-liq barometer & s.
3 Aqba	63	15	185	40	4		May'79 Apr'79	24 Order (the barometer)
3 "					3	7	Oct'81 May'88	24 Order (2 obs. daily) auxi-liq barometer & s.
3 "					4		Mar'88 Aug'88	24 Order (2 obs. daily)
3 Zyaka	61	09	183	23	1	0	May'89 Nov'90	24 Order (2 obs. daily) auxi-liq barometer & s.

Frequently requests of lists than a year in length are on file from the following Stations:

Qeilia	08	00	183 37
Imiaio	04	41	132 13
Moonyan	02	45	140 06
St.Dorrtz Isln.	53	07	169 07
Port Arthur	58	50	125 28
Certain Day or Hours	54	45	122 30
Clarinorkly	03	30	107 14
Aklyu	32	58	187 34

List of A L A S K A Stations to be found in Appendix I, "Pacific Coast Pilot, Alaska, 1879" and "Pacific Coast Pilot, Alaska, Part I, 1883"

AMERICAN STATIONS, 1879	ASIATIC STATIONS, 1879
Burnaby Island	Port Providence
Fort Tongass	Anadyr
Fort Wrangell	Petropavlovsk
Sitka	Port of Okhotsk
Fort Kenai	Port Aian
St. Paul, Kadiak	Udsk
Ilinliuk, Unalashka	Ala River
St. Paul Island	Nikolaieffsk
Mollers Island	Due Lighthouse
Ikogmut	Kusunai
St. Michaels	Muravieff
Unalaklik	Hakodadi
Port Clarence	1883
Choris Peninsula	Pitlekai
Point Barrow	
Kolmakoff Redoubt	
Nulato	
Fort Yukon	
Fort Franklin (Hudson Bay Territory) 1883	
Queen Charlotte Islands	

List of A L A S K A Stations to be Found in Appendix I, "Pacific Coast Pilot, Alaska, 1879" and "Pacific Coast Pilot, Alaska, Part I, 1889"

AMERICAN CENTURY, 1879	ASIATIC PRACTICE, 1879
Bonanza Island	Port Protection
Port Tongass	Ahmipt
Port Chalmers	Fairpoint
Ketchikan	Port of Ophirsk
Port Conal	Port Alan
Sa. Tomi, Lelian	Udak
Kimshan, Quadrants	Ala River
Sa. Foul Island	Nikolaievsk
Sullivan Island	Dua Lighthouse
Ikonnak	Bremsal
Sa. Andreani	Mutavisff
Chalkis	Hakodadi
Port Clarence	1883
Cape Prince of Wales	Pilibar
Point Hope	
Kobuk River Entrance	
Kotzebue	
Port Tongass (Chelan Bay Portland)	
1888	
Cape Corwin Island	

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	MOHAVE	° ′	° ′							
Rfl	Chloride				0	5	Jul'89			Geol. Survey station
V O	Fort Mohave	35 02	114 36	604	9	0x	Ju..'59	Dec'74		Schott- Much broken previous to '68 complete thereafter
V O	Signal				0	8	May'89			T & R
M D	Cmp Beal's Spg.	35 20	114 05	2500	I	0	Apl'73	Mar'74		Temp. wind clds. & rain
	YAVAPAI									
M D	Whipple Bar'ks				18	x	Jan'65			T wind clds & rain
S S	Prescott	34 32	112 28	5389	14	I	Dec'75			2d order. Changed to Whipple Barracks May'87
V O	Williams				1	7	May'88		T	
V O	Flagstaff				1	2x	Jul'88			T & R
Rfl	Simmons					3	Aug'89			Geol. Survey station
V O	Volunteer Spgs					5	Apl'89			T & R
V O	Prescott Junc.					6x	Aug'89			T & R
V O	Pangharts					6x	Jul'88			T & R
Rfl	Cottonwood					5	Jul'89		T	Geol. Survey station
M D	Fort Verde	34 34	111 54	3160	14	4x	Nov'66			T wind clds & R
S S	Fort Verde	34 32	111 47	3500	13	11	Dec'75			2d order- Changed to 3d order Oct'83
V O	Strawberry					8	May'89			
V O	Antelope Val.				1	5	Jul'88		T	
V O	Walnut Grove					7	May'89		T	
Rfl	Payson					3	Jul'89		T	Geol. Survey station
V O	Tip Top					6	Aug'89		T	
Rfl	Gillett					6	Jul'89			Geol. Survey station
Rfl	Tuba City					2	Aug'89		T	Geol. Survey station
M D	Cmp McPherson	34 45	112 18	3726	1	6	May'67	Nov'68		T wind & rain
V O	"				3	8	May'67	Dec'70		Schott
	APACHE									
V O	Winslow				1	6	Jun'88			T & R
V O	Holbrook				3	0	Jan'87			T from Jan'89
Rfl	Woodruff					4	Aug'89		T	Geol. Survey station
Rfl	St. John's					5	Jul'89			Geol. Survey station
Rfl	Show Low					6	Aug'89			Geol. Survey station

X Record broken.

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	APACHE	° ′	° ′						
V O	Cooley's Spg.				6	Jul'89			Was known as Willow Springs
M D	Fort Apache	34 00	109 45	5600	12 3x	Nov'71			T-W & R. After Jan'89 T & Ronly
S S	Fort Apache	33 48	109 57	5050	11 5	Jun'78			2d order-Made 3d ord.Apl'88 complete reports
	YUMA								
M D	Cmp.Colorado	34 10	114 15		2 1	Jan'69	Feb'71		T-W & R
S S	Stanwix	32 57	113 21		1 11	Nov'75	Nov'77		2d order.Full report except anemometer.Moved to Burks
S S	Yuma	32 44	114 36	141	14 2	Oct'75			2d order. Full reports
R R	Yuma				11 6	Nov'77			R & T
R R	Texas Hill				10 1	Aug'79			T & R
	MARICOPA								
V O	New River				6x	Mar'89	Oct'89		
V O	Ash Creek				5	Sep'89		T	
V O	Peoria				1 4x	Jan'89			
M D	Fort McDowell	33 41	111 36	1800	23 0	Sep'66x			Temp. wind & rain
S S	Fort McDowell	33 38	111 38		6 1	Dec'8s	Dec'89		3d order Max. min temp & Rain wind & character of weather
V O	Buckeye				4	Aug'89		T	
S S	Phoenix	33 28	112 00		13 0	Feb'76	Dec'89		2d order,Full reports but broken Changed to 3d order Jan'82 reporting max. min T rain wind & weather. Made a repair station Apl'88
V O	Phoenix					Oct'88			T & R
Rfl	Mesa City				4	Jul'89			Geol.Survey station
S S	Burkes	32 58	113 16		5 0	Dec'77	Nov'80		2d order T-W-Clds R & weather
V O	Gila Bend				6	Jul'89			T & R
S S	Wickenburg	33 56	112 42	1400	8 1x	Nov'75	Jan'86		2d order.Changed to 3d order Jul'83
Rfl	Arz.Canal Co's Dam(near McDowell)				5	Aug'89			Geol. Survey Station
Rfl	Tempe				2	Oct'89			Geol. Survey station

X Record broken.

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		° ′	° ′						
	GILA								
V O	Globe	33 26	110 45		1 4	Jul88			Previous to Aug'89 R only
M D	Camp Reno	34 45	112 18	3726	7x	May'67	Nov'68		T Wind & R
V O	" "				1 5x	Feb'68	Feb'70		Schott
M D	San Carlos	33 16	110 27	3456	1 1x	Dec'88			
S S	San Carlos	33 12	110 27	3456	8 6	Jun'81			3d order (no record for Nov'87)
Rfl	Dripping Spg.				1	Nov'89		T	Geol. Survey station
	PINAL								
V O	Breckenridge (Old Cmp.Grant)	32 48	110 36	3800	5	Dec'60	Jun'61	R	Schott
M D	"	32 45	110 30		7 x	Dec'66	Nov'72		T R wind & clouds
R R	Maricopa	33 08	112 02		9 9x	Jun'79			
S S	"	33 05	112 00	1190		Oct'75	Jul'87		2d order, full reports except bar. Made 3d order Nov'83
Rfl	Silver King				6				Geol. Survey station
S S	Florence	33 03	111 20	1553	6 6	Nov'75	Apl'82		2d order, full reports
V O	Florence				1 0	Jan'89		T	
R R	Casa Grande				8 3x	Oct'80			
Rfl	Dudleyville				4	Jul'89		T	Geol. Survey station
Rfl	Red Rock				6	Jul'89			Geol. Survey station
V O	Willow Springs				1 1	Jul'88		T	
	GRAHAM								
M D	Camp Thomas	33 52	109 51		4 2	Jan'66	Oct'70		Also known as Camp Goodwin
S S	Fort Thomas	33 04	109 51	2700	9 9	Apl'80			2d order-Changed to 3d order Apl'87-Also known as Maxie
Rfl	Oro				4			T	Geol. Survey station
Rfl	Clifton				2	Sep'89		T	Geol. Survey station
V O	Cedar Springs				1 4	May'88		T	
Rfl	Duncan				5	Jul'89		T	Geol. Survey station
V O	Curtis				4	Mar'89	Jun'89		
V O	Eagle Pass				1 1	May'88			Observer moved to Curtis and back again during '89

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	GRAHAM	° ′	° ′							
M D	Fort Grant				8	9x	Dec'72	May'82		T wind, clds & rain
S S	Fort Grant	32 36	109 53	4860	12	4	Jul'77			2d order Full report-No record for June & Jul'86 Known at one time as Stewart's Ranch
	YAVAPAI									
Cmp.	Date Creek	34 18	112 40	3726	6	2x	May'67	Jul'73		Schott
M D	" "				5	8	Jan'68	Aug'73		T, wind & rain
	APACHE									
V O	Fort Defiance	35 43	109 10	6500	8	9x	Dec'51	Nov'63		Schott
	YAVAPAI									
M D	Cmp.Hualpai	35 10	113 50		3	2x	Jan'70	Jun'73		T, wind & rain (also known as Camp Toll Gate)
M D	Cmp Willow G've	35 10	113 50		1	7	Feb'68	Sep'69		T, wind & rain
	PIMA									
Rfl	American Flag					6	Jul'89		T	Geol.Survey station
M D	Camp Lowell	32 13	110 53		18	9x	Jul'67			T, wind & rain
S S	" "	32 16	110 47		1	7	Nov'75	May'77		2d order (Known as Corilla Stn
V O	Ft.Buchanan	31 40	110 55	5330	3	11	Aug'57	Jun'61		Schott R only to Dec'59
Rfl	Calabasas					5	Jul'89		T	Geol. Survey station
Rfl	Crittenden					5	Jul'89		T	Geol. Survey station
M D	Cmp.Crittenden	31 34	110 39	2000	4	7	Apl'68	Jan'73		T, wind clds & rain
V O	Lochiel				1	2x	Jun'88			T & R
R R	Pantano	31 47	110 41	3538	8	8x	Oct'80			T. begins Mar'88
Rfl	Total Wreck					2	Aug'89		T	Geol. Survey station
S S	Tucson	32 14	110 54	2404	7	7	Nov'75	Jun'83		2d order Full reports
R R	Tucson	32 14	110 53	2392	9	0	Oct'80			
V O	Tucson				5	8	Apl'84			T & R (T began Nov'88)
	COCHISE									
R R	Wilcox	32 18	109 45	4166	8	8x	Oct'80			
S S	"	32 20	109 42	4164	5	10	Nov'83			3d order

X Record broken.

											SAMOAN
D	Port Crown							6	9x	Dec'72	May'92
C	Port Crown	22	26	109	50	4000	12	4		Jul'77	T wind, also a rain
											24 order full report-the record for June 6 Jul'08 Ldwnd at 0:00 time of Stewart's launch
											YAVAPAI
Car	Bella Crown	34	18	142	40	8750	6	2x	May'97	Jul'72	Subject
1	" "						5	8	Jan'98	Aug'72	T, wind & rain
											APACHE
V	0 Fort Defiance	5	46	106	10	6500	8	9x	Dec'31	Nov'65	Subject
											YAVAPAI
D	Camp Hualpai	45	10	113	50		2	2x	Jan'70	Jun'72	T, wind & rain (also known as Camp Yuma)
W	Camp Willow Crvks	10	113	50			1	7	Feb'58	Sep'05	T, wind & rain
											PIMA
Ar	American Flag							6	Jul'30		T Cool. Survey station
L	Camp Lowell	32	15	110	55		18	9x	Jul'27		T, wind & rain
S	" "	32	15	110	47		1	7	Nov'75	May'77	24 order (known as Corrilla Stn
V	0 Tucson	31	40	110	55	2320	3	11	Aug'37	Jun'01	Subject R only to Dec'59
Ar	Glenbrooke							5	Jul'30		T Cool. Survey station
Ar	Littleville							5	Jul'30		T Cool. Survey station
L	Cap/Crittenden	11	54	110	39	3000	4	7	Apr'08	Jan'75	T, wind also a rain
V	0 Marshal						1	2x	Jun'89		T & R
R	Fountain	11	47	110	41	2320	8	8x	Oct'30		T. begins Apr'20
Ar	Total Wreck							2	Aug'39		T Cool. Survey station
C	Tucson	32	14	110	54	2404	7	7	Nov'75	Jan'85	24 order full reports
R	Tucson	12	14	110	55	2302	8	0.	Oct'30		
V	0 Tucson						5	8	Apr'84		T & R (I begun Nov'30)
											COCHISE
R	Willcox	32	18	109	45	4150	8	8x	Oct'30		
S	"	32	20	109	42	4104	5	10	Nov'32		34 order

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		° ′	° ′						
	COCHISE								
M D	Camp Wallen	31 40	113 50	3000	2 10	Dec'66	Sep'69		T wind & rain
V O	Ash Canyon	31 23	110 12		11x	Aug'88			
V O	Ash Spring				4	Sep'89		T	
R R	Benson	32 00	110 22	3580	9 2	Oct'80			
V O	Bisbee				5	Aug'89		T	
M D	Camp Bowie	32 08	109 23	4781	17 3x	Aug'67			T wind, clds & rain
S C	Fort Bowie	32 12	109 20	4781	6 3	Oct'83			3d order (Known as Apache Pass
V O	Dos Cabezas				4	Sep'89		T	
V O	Dragoon				3	Sep'89		T	
V O	Fairbank				3x	Jul'89		T	
Rfl	Fairbank (near)				1	Jul'89			Obs at Grand Central Mill
M D	Fort Huachuca	31 20	109 20	4785	3 11	Jan'86			T, wind, clds & rain
V O	Huachuca	31 25	110 10		1 7	Jun'88			T, broken
R R	San Simon	32 18	109 10	3611	6 6x	Dec'81			T begins Jan'88
V O	Sache's Ranch				1	Nov'89		T	near Wilcox
V O	Prue's Ranch				1	Dec'89		T	
V O	Teviston				1 7	Jun'88		T	
V O	Tombstone				5x	Apl'89			T & R
V O	Chiri Cahua Mt				4	Sep'89		T	
Rfl	Tres Alamos				5	Jul'89		T	Geol. Survey station
Rfl	Wood Canyon				4	Sept'89		T	Geol. Survey station

X Record broken.

Fragmentary Records of less than a year in length are on file from the Following Stations.

Station	County	Station	County	Station	County
Ft. Churchill	?	Cmp. Skull Val'y	Yavapai	Eldorado	Mohave
Camp Kew	Yavapai	Camp La Paz	Yuma	Camp Lincoln	Yavapai
Maver's	Yavapai	Mineral Park	Mohave	Camp Mogollen	Pinal
New Post on the Upper San Pedro	?	Pine Dale	Apache	Seligman	Yavapai
Stanton	Yavapai	Tubac	Pima	Fort West	?

Fragmentary Records of less than a year in length are on file from the Fragmentary Records of less than a year in length are on file from the following stations:

Station	County	Station	County	Station	County
Ft. Churchill	?	Cmp. Shull Vall'y	Yavapai	Eldorado	Kohave
Camp Mov	Yavapai	Camp la Paz	Yuma	Camp Lincoln	Yavapai
Meyer's	Yavapai	Mineral Park	Mohave	Camp Bigelow	Pima
Fort Post on the Colorado Fan Pedro	?	Fort Tejo	Apache	Stallgmen	Yavapai
Camp Lincoln	Yavapai	Tubac	Pima	Fort Wesl	?

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		°	′	°	′							
	BENTON											
V O	Fort Wayne	36	25	94	38		1	0	Jan'40	Dec'40	R	Schott
	CARROLL											
V O	Eureka Springs	36	39	93	35	2000	1	2x	Dec'87	Jul'89		
	BOONE											
V O	Lead Hill	36	29	92	45		8	4	Sep'81			T, R, clouds & wind
	WASHINGTON											
V O	Durham	36	10	93	40	1560	1	4	Jan'75	Oct'76		T,R,clds & wind-T broken.
V O	Fayetteville						1	4	Oct'70	Dec'72		Schott record much broken
V O	"	36	08	93	35	1520	1	3x	Feb'81	Oct'84		Bar, T, R clds & wind
V O	Winslow							6	Jul'89			T & R
	SEARCY											
W S	Marshall							7	Jun'89			T & R
	LAWRENCE											
W S	Portia						1	3x	Jan'88			T & R
C R	Walnut Ridge						1	2x	Apl'82	Oct'83		Station moved to Newport
	JOHNSON											
V O	Clarksville	35	27	93	24		1	1	Feb'71	Feb'72		Schott
W S	Ozone						1	7	Jun'88			T & R
	POPE											
C R	Russellville						3	8x	Apl'82			
	CLEBURNE											
W S	Heber						1	11	Jan'88			T & R
	JACKSON											
C R	Newport	35	34	91	09		2	5x	Apl'84			
Riv	"						4	2x	Aug'85		T	
	POINSETT											
V O	Harrisburgh							1	Dec'89			T & R
	MISSISSIPPI											
W S	Osceola						1	8x	Jan'88		T	
	SEBASTIAN											
W S	Dayton						1	5	May'88			T & R
W S	Huntington							1	Dec'89		R	

X Record broken.

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	SEBASTIAN	° ′	° ′							
V O	Fort Smith	35 23	94 29	460	20	5x	May'37	Feb'61		T & R Schott
V O	" "				1	2x	Jun'70	Jul'71		T & R Schott
Riv	" "	35 22	94 24		3	2	Apl'79	May'82	T	
S S	" "	35 22	94 24		7	7	Jun'82			2d order Full reports
	FAULKNER									
W S	Conway				2	0x	Jan'88			T & R
	WHITE									
V O	Judsonia	35 12	91 30		1	0	Jan'78	Dec'78		T & R
C R	Kensett				2	8x	Apl'82	Oct'87		
	YELL									
Riv	Dardanelle	35 13	93 09		3	1x	Jun'86		T	
	St FRANCIS									
V O	Forrest City	35 03	90 51		1	8	Apl'72	Nov'73		T & R
C R	" "				2	0x	May'86			T & R
W S	" "				1	2	Nov'88			T & R
C R	Madison	35 03	90 39		1	7x	Apl'82	Oct'85		Station moved to Forrest City
Riv	"				1	7	Oct'87	Apl'89	T	
	POLK									
W S	Dallas				1	7	Jan'88			T & R
	MONTGOMERY									
V O	Mount Ida	34 34	93 38		2	6x	Feb'72	Nov'74		T & R Schott
V O	" "	34 45	93 45		10	8x	Feb'75	Feb'86		
	GARLAND									
V O	Hot Springs	34 05	93 01	1540	1	0	Aug'75	Jul'76		T, R, clds. & wind
M D	" "				2	10x	Feb'87			T, R, clds. & wind
	PULASKI									
W S	Alexander				1	5	Jan'88	May'89		T & R
V O	Little Rock	34 40	92 12		1	0	Jan'40	Dec'40	R	Schott
V O	" "				0	11	Dec'66	Dec'67		Schott
Riv	" "	34 45	92 06		5	0	Apl'73			Changed to 2d order Signal Service station Jul'79. Full re
M D	Little Rock Bks				1	0	Jan'89			T & R
	LONOKE									
W S	Lonoke				1	9	Feb'88			Feb. & Mar'88 missing

X Record broken.

0	Wyn Jenkin-			32	34	22	400	20	2a	Jan'72	Feb'07		T & R Fredrb
1	" "								1	2a	Jan'72	Mar'71	T & R Rabbit
2	" "			0a	32	24			2	c	Apr'72	May'22	T
3	" "			0a	22	24	24		2	c	Jun'72		20 Off - Will Prevent
	Elizabeth												
4	Gwenne								2	Oa	Jun'22		T & R
	Evelyn												
0	Lakeside			32	12	21	20		1	0	Jan'72	Dec'71	T & R
1	Elizabeth								2	Ea	Apr'72	Feb'21	
	Vera												
2	Fairfield			22	12	42	02		2	1	Jun'22		T
	Dr. Fredrik												
0	Fair Clay			22	02	40	32		1	2	Apr'72	Nov'71	T & R
1	" "								2	1a	Dec'21		T & R
2	" "								1	2	Apr'22		T & R
3	Jenkins			32	02	20	22		1	7a	Oct'22		Jenkins sold to Fairfield Clay
4	Ivy								1	7	Oct'22	Apr'07	T
	Pial												
0	Tallman								1	7	Jan'21		T & R
	Jeffrey Lucas												
0	Robert Lee			34	34	32	32		2	8x	Feb'72	Nov'74	T & R Orbett
1	" "			34	42	22	22		10	2a	Jan'72	Jan'22	
2	Jim Jeffrey			32	02	22	01	1bPr	1	0	Aug'72	Jul'72	T, R, elec. & vind
3	" "								2	12a	Feb'27		T, R, elec. & wind
	Schmidt												
0	Elizabeth								1	2	Jan'21	May'12	T & R
1	Little Rock			32	42	22	12		1	0	Jan'20	Dec'42	R Sandot
2	" "								0	11	Dec'20	Dec'07	Jonnie
3	" "			34	42	22	02		5	0	Apr'72		Changed to Sh motor Signal
													Further elevation Jul'72.Still ??
4	Little Rock Dr.								1	0	Jan'22		T & R
	Lorner												
0	Lemuel								1	2	Feb'22		Eab. & Oct'22 mixture

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		° ′	° ′						
	PRAIRIE								
C R	Devall's Bluff				3 8x	Apl'82			
	MONROE								
C R	Brinkley				3 4x	Apl'82			
	HOWARD								
V O	Mineral Springs	33 44	94 01		3 2x	Aug'70	Dec'73		Schott
	HOT SPRINGS								
C R	Malvern				3 9x	Apl'82			T & R
	JEFFERSON								
C R	Pine Bluff				2 3x	May'84			
	ARKANSAS								
W S	Stuttgart				1 8x	Apl'88			T & R
	PHILLIPS								
V O	Helena	34 36	90 36		4 11x	Dec'65	Jun'73		Schott
Riv	"	34 33	90 36		8 10	Feb'74	Mar'83	T	
Riv	"				5 11	Feb'84		T	
C R	"				?	May'84			T & R broken
	DESHA								
C R	Arkansas City	33 33	91 08		3 4x	Apl'82	May'83		T & R
Riv	" "				3 11x	Oct'85		T	
	HEMPSTEAD								
Riv	Fulton	33 37	93 42		3 11	Nov'85		T	
V O	Washington	33 34	93 41	660	21 5x	Jan'40	Apl'72		Schott
W S	"				2 0	Jan'88			T & R
	NEVADA								
C R	Prescott				3 8x	Apl'82			T & R
	OUACHITA								
V O	Camden	33 32	92 48		2	Oct'55	Nov'55		
Riv	"				4 0	Jan'86		T	
W S	"				11x	Sep'88			T & R
	DREW								
V O	Monticello	33 45	92 00		1 3	Jan'76	Apl'77		T, R, clds. & wind
C R	"				3 3x	Apl'82			T & R

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	MILLER.	° ′	° ′						
C R	Texarkana				3 6x	Apl'82			Temp. & Rain
W S	"				1 9	Apl'88		R	
	LA FAYETTE								
W S	Galveston				1 0x	Dec'89			Temp. & Rain
	COLUMBIA								
C R	Magnolia				1 5x	May'84			
	UNION								
W S	El Dorado				1 5x				Temp. & Rain

Fragmentary Records of less than one year in length are on file from the following Stations

-:-:-:-:-:-:-

STATIONS.	COUNTIES
Altus,	Stone
Buck Horn,	Stone
Clear Lake,	Mississippi
Chatham,	Independence
Jacksonport,	Jackson
Melbourne,	Izard
Paraclifta,	Sevier
Paragould,	Greene
Pocahontas (near),	Randolph
Springfield,	Conway
Spring Hill,	Hempstead
Flippen's Barrens or Yellville,	Marion

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	DEL NORTE	° ′	° ′						
H D	Camp Lincoln ✓	41 08	124 12		2 9x	Feb'63	May'69		T. Hygrom., wind & rainfall
V O	Crescent City ✓	41 45	124 12	50	2	Dec'59	Jan'60		Smithsonian Collection
V O	" " ✓				5 3	Jul'81	Jun'86		Pacific Rainfall
V O	" " ✓				3 10	Mar'86			Wind, clds & rainfall
V O	Fort Ter Waw ✓	41 30	124 10	150	9	Apl'59	Dec'59		Smithsonian Collection
M D	" " " ✓				1 6x	Jan'60	Oct'61		T. Hygrom. wind, rainfall
	SISKIYOU.								
S S	Yreka	41 44	122 37		3 2	Aug'77	Sep'80		Sunset station. Bar. T. hyg. & c
V O	"	41 45	122 32	2635	14 8	Sep'71	Apl'76	T	Pacific Rainfall
V O	Scott Valley ✓	41 45	123 02	2570	28 6	Aug'59	Jan'88	T	Pacific Rainfall prior to '87
V O	Fort Jones ✓	41 36	122 52	2570	5 0	Jan'53	Jun'56		Smithsonian Collection.
V O	" " ✓				2 7	Jul'85	Jan'89	T	
V O	Walla Walla Ck ✓	41 42	122 55		2 10	Mar'86			Near Fort Jones
R R	Berryvale	41 12	122 15	3500	1 4x	Oct'81	Apl'83		Max. Min. T., wind & rainfall
R R	Coles				1 5	Feb'88	Jun'89		do
R R	Dunsmuir				1 4x	Jul'88			do
R R	Edgewood				1 2x	Sep'88			do
R R	Hornbrook	41 50	122 50	2154	2 0x	Aug'87			do
R R	Montague				1 7x	Feb'83			do
R R	Sisson				1 8x	Mar'88			do
	MODOC.								
S S	Fort Bidwell	41 53	120 11	4640	4 7	Feb'84			3d Order; made 2d Order Jun'85
V O	" "				8 3x	Nov'63	Dec'74		Smithsonian Collection
M D	" "				23 8	Nov'63			Bar. from May'82
	HUMBOLDT.								
M D	Fort Gaston	41 05	123 15	397	27 7x	Sep'61			T(max.min) hyg. clouds, wind, rain.
V O	Christmas Prai	40 55	124 00	3000	2 11	Jun'84	Apl'87		T. wind, clds. & rain.
V O	Arcata	40 53	123 05		3 3x	Jan'86		T	
M D	Ft. Humboldt	40 46	124 10	50	11 2	Jan'54	Dec'66		M.D. reports from Jan'30 of T. hyg. wind & R. Prior to Jan'30 Pacific Rainfall
V O	Hydesville	40 32	123 58	400	6 0x	Nov'83			Max. & Min. T from Nov'88
S S	Cape Mendocino	40 26	124 24	637	4 4	Aug'82	Dec'86		2d Order
V O	Orleans			420	1 8x	Oct'85	Oct'87		T & R
V O	"				2 0	Nov'84	Dec'86	T	Pacific Rainfall.

X Record broken.

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		° ′	° ′						
	HUMBOLDT								
S S	Eureka	40 48	124 11	34	3 0	Jan'87			2d Order
V O	Ferndale				3	Oct'89			T & R
V O	Upper Mattole				2 8	Nov'83			T & R
	SHASTA								
M D	Fort Crook	40 10	121 20	3500	8 4x	Jan'60	Apl'69		T Hyg. wind & R
V O					10 5x	Jan'58	Apl'69		Smithsonian Collection
R R	Delta	41 00	122 23	1138	5 1	Sep'84			Pacific Rainfall has from Sep'82
V O	Anderson	41 00	123 45	432	3 9	Feb'86			Bar. T. wind & rainfall
V O	Fort Reading	40 28	122 13	674	3 11	Apl'52	Mar'56		Smithsonian Collection
R R	Redding	40 36	122 27	565	14 9	Jan'75			T R. From Nov'77 max. & min. temp. also. Pacific Rainfall has R record from Nov'77
R R	Sims				1 10	Mar'88			T, max. & min. T wind & R.
	LASSEN.								
V O	Susanville	40 23	120 35	4195	2 6	Oct'85			T & R
	TEHAMA.								
S S	Red Bluff	40 10	122 15	342	12 5	Jul'77			2d Order
R R	" "	40 06	122 13	332	17 11	Feb'72			T & R . Max & min. T from Nov'77 Pacific Rainfall has from Sep'70
R R	Tehama	40 02	122 07	220	17 7	Aug'71			T & R .Max. & min. T & wind from Nov'77. Pacific Rainfall has record from Sep'70.
R R	Corning	39 58	122 12		4 11	Dec'85			Max. & min. T wind & rain.
V O	"				8 11	Jul'76	Dec'86		Pacific Rainfall
R R	Vina				1 2x	Sep'88			Max.-min. T. Wind & rain
	PLUMAS								
V O	Indian Valley	40 07	120 50	3280	2 8x	Nov'70	Jun'73	R	Smithsonian Col. R for 11 mos.
V O	Meadow Valley	39 56	121 02	4000	4 6x	Jan'60	Nov'67		Smithsonian Collection
	MENDOCINO								
M D	Camp Wright	39 45	123 00	1800	10 4	Jul'64	May'75		T. max & min. hyg. wind. clds & rain. Pacific Rainfall has record to Aug'65
V O	Camp Wright				9 11				Smithsonian Collection

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		° ′	° ′							
	MENDOCINO									
V O	Westport	39 40	123 42		3	1	Oct'85	Oct'88		T.max.& min. hyg. wind & R.
	"				2	5	Jan'85	May'87		Pacific Rainfall
V O	Mendocino	39 18	123 48		1	2	Jul'86	Jan'88		Bar.T. max. min. T.hyg. and wind from Sep'87 R complete
V O	"					4	Sep'89			Bar. T. max. min.T wind & R
V O	"					8	Sep'71	Apl'72		Smithsonian Collection
V O	Cahto	39 15	123 17	1500	1	3x	Dec'69	Feb'72		Smithsonian Collection
V O	Ukiha	39? 08	123 44	644	1	5x	Apl'86	Jul'88	T	
V O	"	39 14	123 14		9	6	Jan'77	Jun'86	T	Pacific Rainfall
R R	Fort Bragg	39 51	123 50	50	3	4x	Dec'60	Sep'64		T. hyg. wind & rain.
V O	" "				4	7x	Dec'60	Apl'72	R	Smithsonian Collection
	COLUSA									
R R	Orland	39 45	122 12	254	7	0	Jan'83			R.from Jan'87 T of max. & min
V O	"				9	5	Jul'78	Nov'87	T	Pacific Rainfall
R R	Willows	39 31	122 12	132	10	8	Dec'78			T.(max.min) wind & rain.
V O	"	39 35	122 18	134	2	8x	May'87			
V O	Princeton	39 23	122 02	100	8	8x	Jul'78	Apl'87		Bar. max.min.T wind & rain.
V O	"				12	4	Jan'75	Apl'87	T	Pacific Rainfall
S S	Colusa	39 13	122 01		4	0x	Feb'79	Dec'87		Rain & river record
R R	"	39 23	122 01		1	9	Feb'71	Oct'72	T	
R R					7	3x	Jul'81	Feb'88		max. min. T. wind & rain
V O		39 20	122 03	45	14	6	Jan'72	Jan'86	T	Pacific Rainfall
V O	Fouts Springs	39 20	122 40		2	7x	Oct'85	Jun'88	T	
R R	Williams	39 10	122 10	89	13	0	Dec'76			From Nov'77 max.min temp.
V O	College City	38 52	121 47	110	2	4x	Jan'84	Mar'87		Bar. T. wind & rain
V O	" "	38 55	121 50		2	8	Jul'83	Feb'86	T	Pacific Rainfall
	BUTTE									
V O	Chico	39 43	121 48	150	3	10	Nov'83	Sep'73		Smithsonian Col. R.record broke
R R	Chico	39 44	121 49		19	0x	Nov'70			From Nov'77 max & min T.
S S	Oroville	39 30	121 35	205	3	5x	Dec'78	Apl'87		River station.R & stage of riv
V O	"	39 29	121 27	166	5	0	Jan'85	Dec'89		Bar.T.(max.min)wind,clds.rain
					4	9	Jul'80	Mar'87		Pacific Rainfall.

X Record broken.

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	BUTTE	° ′	° ′							
V O	Union Ranche	39 25	121 30		3	7x	Mar'58	Jan'63		Smithsonian Col. R one year
	YUBA									
S S	Marysville	39 09	121 43		3	0	Dec'73	Apl'87		River station.Rainfall & stage of water Dec.to Apl.each year
R R	"	39 09	121 35		18	9	Feb'70			Max.Min.T & wind from Nov'77
V O	"				2	10	May'57	Aug'63		R.broken. Smithsonian Col.
V O	Wheatland				3	1	Dec'86			Bar.max.min.T & rain.
V O	Cmp.Far West	39 07	121 18	175	2	3	Jan'50	Mar'52		R.lyr 9 mos.Smithsonian Col.
	NEVADA									
V O	Bowman's Dam	39 27	120 34	5400	1	7	Jul'83	Jan'88	T	A prior record of 14 yrs. 6 mos in Pacific Rainfall
R R	Boca	39 24	120 06	5531	18	8x	Feb'70			Max.min.T & wind from Nov'77
R R	Truckee	39 19	120 01	5819	19	5	Feb'70			do
V O	Grass Valley	39 15	121 02		3	0x	Jan'86			From Dec'86 max.min T. also
V O	" "				17	1	Jan'73	May'88	T	Pacific Rainfall
V O	American Hill					7	Jun'89			
V O	Malakoff Mine	39 22	120 50	3200	1	9x	Jul'86	Feb'88		North Bloomfield P.O.Bar.
	SUTTER.									
V O	West Butte	39 18	121 55	90	1	8	Feb'86	Sep'88	T	
V O	" "				6	8	Nov'79	Jun'86	T	Pacific Rainfall
V O	Nicolaus	39 10	121 32	42	3	3	Dec'85	Feb'89		T wind rainfall
V O	"				9	9	Jul'77	Mar'87	T	Pacific Rainfall
	PLACER									
R R	Summit	39 19	120 27	7017	18	6x	Feb'70			Max.min.T & wind from Nov'77
R R	Emigrant Gap	39 17	120 40	5230	19	1x	Mar'70			do
R R	Cisco	39 19	120 33	5939	19	5x	Feb'70			do
R R	Alta	39 20	120 46	3307	14	0x	Feb'70			do
										11 mos additional Pacific Rain
R R	Colfax	39 08	120 57	2421	19	10	Feb'70			Max.min.T & wind from Nov'77
R R	Auburn	38 54	121 03	1563	19	9	Feb'70			do
V O	"			1176		7	Aug'59	May'60	R	Smithsonian Collection
R R	Rocklin	38 49	121 13	249	19	10	Feb'70			do

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		° ′	° ′						
	PLACER.								
V O	Strawberry Flat				x	Jan'79			Iowa Hill
V O						Feb'83			T & R
R R	Towles	39 18	120 38	3704	4 6	Jul'85			T (max.min.)wind & rainfall
V O	Loomis(Pino)				2	Nov'89		T	
	YOLO.								
R R	Dunnigan	38 54	121 58	65	13 1	Dec'76			Max.min.T.wind from Nov'77 Pacific Rain.R record from Sep
R R	Knight's Landg	38 47	121 41	35	11 9	Feb'78			do "
R R	Woodland	38 42	121 59	45	13 0	Dec'76			do "
R R	Davisville	38 33	121 43	51	17 11	Nov'71			do "
R R	Rumsey				1 5	Aug'88			T (max.min) wind & rainfall
	EL DORADO								
V O	Georgetown	38 55	120 51	2433	17 1x	Jan'73			Record from Jul'72 Pacific R.
V V	Placerville	38 44	120 48	2109	1 8x	Mar'86	Jul'88		
V O	"				8 9	Oct'79	Jul'88	T	Data Book.Pacific Rainfall has record from Jan'74
R R					1 5	Aug'88			T (max.min. wind & rainfall
V O	Shingle Sp'gs	38 39	120 55	1393	2 0x	Dec'85	Jun'88		R.broken. A record of 19 yrs.4 mos. beginning Jul'49 in Pacific Rainfall
R R	Shingle Spg's				9	Mar'89			T (max.min.) wind & rainfall
R R	El Dorado				1 1	Dec'88			do
	SONOMA								
V O	Santa Rosa	38 30	122 46	150	6	Nov'73	Apl'74		Bar.T. hyg. wind & rain
V O	" "				5x	Jun'85	Oct'87		do
R R	" "	38 27	122 43	160	1 5	Aug'88			T (max.min.) wind & rainfall
V O	Sonoma	38 17	122 26		6	Nov'50	Apl'51		Smithsonian Collection
V O	"	38 21	122 30		4 7	Jul'82			Bar. T. wind. rain
R R	Petaluma	38 24	122 38	10	17 6	Nov'71			Max.min T.wind R.from Nov'77
V O	"				2	Apl'86	May'86		
V O	Cloverdale	38 45	123 00	500	5	Dec'76	Apl'77		
V O	"				1 2	Jan'87	Feb'88		T wind & rain
R R	El Verano				1 5	Aug'88			T (max.min.) wind & rain

X Record broken.

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	SONOMA	° ′	° ′							
R R	Glen Ehlen				0	11	Jan'89			T (max.min) wind & rain
V O	Fort Ross	38 35	123 05		4	0	Jan'37	Dec'40	R	Smithsonian Collection
	NAPA									
R R	Calistoga	38 38	122 34	331	17	6	Jan'72			Max.min.T wind from Nov'77
V O	Mt.St Helena			2100	1	5x	May'79	Nov'81		Bar.Hyg,wind R.(Calistoga)
R R	Napa	38 18	122 17	20	12	11	Dec'76			Max.min T. wind and rain from Nov'77 Pacific Rain from Sep'76
V O	Napa				1	0	Jul'78	Jun'79		Insane Asylum (Board Health)
	SACRAMENTO									
V O	Folsom City	38 40	121 10			8	Mar'61	Oct'61		Smithsonian Collection
S S	" "				2	3x	Dec'78	Apl'87		River station Rain & river record Dec. to Apl.each year
V O	" "					7	Feb'88	Sep'88	T	
R R	" "				1	3x	Sep'88	Dec'89		T (max.min) wind & rain .A R record from Sep'71 to Jun'86 in Pacific Rainfall
S S	Sacramento	38 35	121 30	64	12	6	Jul'77			2d Order
R R	"				19	3x				Max.min T.wind from Nov'77
M D	"	38 35	121 28		6	9	Jan'63	Sep'63		T Hygrom.wind & rain
V O	"				7	0x	Dec'82			Max.Min.T wind & rain
V O	"				41	4x	Sep'49			T & R from various sources
R R	Brighton	38 33	121 24	53	12	6	Jul'77			T from Nov'77
R R	Galt	38 16	121 17	49	12	5	Jul'77			do
	AMADOR									
R R	Ione	38 21	120 56	287	12	5	Jul'77			T (max.min.) from Nov'77
V O	Sutter Creek	38 20	120 50		1	0	Mar'87	Feb'88		Bar. Max. min.T rain
V O	" "				12	7	Oct'74	Apl'77	T	Pacific Rainfall
	SOLANO									
V O	Winters (near)	38 30	122 00	125		8	Nov'85	Jul'86		Max.min.T wind rain
R R	Winters	38 31	121 59		1	5	Aug'88			R record from Jul'85 Pacific R
R R	Elmira	38 27	121 57	75	4	1	Nov'85			T (max.min.) wind rain
V O	Vacaville				1	0	Feb'69	Apl'70		Smithsonian Collection
V O	"				9	10	Jan'80			T 2y 2 m from Sep'87
	"	38 21	121 58	175	1	4	Sep'88			T (max.min) wind rain
V O	Denverton	38 14	121 54	10	2	4	Jun'86	Sep'88		Max. min T and rain. A rain record from July '73 to Dec'89 in Pacific Rainfall

X Record broken.

													SONORA
T	Olive Ridge												
O	Port Ross					38	35	122	05		4	0	Jan'37 Dec'40 R Smithsonian Collection
													NAPA
T	Calistoga					28	38	122	34	331	17	6	Jan'72
O	A.St Helena									2100	1	3x	Mar'79 Nov'81 T. wind R. (Calistoga)
T	Napa					38	18	122	17		20	12	11 Dec'76 Max.min.T wind and rain from Nov'77 Pacific Rain from Sep'76
O	Napa											1	0 Jul'78 Jun'79 Insane Asylum (Board Health)
													SACRAMENTO
O	Placer City					30	40	121	10			8	Mar'61 Oct'61 Smithsonian Collection
	"											2	3x Dec'78 Apl'87 River station Rain & river record Dec. to Apl.each year
O	"											7	Feb'83 Sep'38 T
R	"											1	3x Sep'88 Dec'89 T (max.min) wind & rain .A. R record from Sep'71 to Jun'80 in Pacific Rainfall
													24 Order
C	Santa Rosa					38	25	121	30		64	12	6 Jul'77 Max.min T.wind from Nov'77
R	"											19	3x T Hydron.wind & rain
D	"					38	35	121	23			6	9 Jan'63 Sep'63 Max.Min.T wind & rain
O	"											7	0x Dec'82 T & R from various sources
O	"											41	4x Sep'82 T from Nov'77
R	Petaluma					38	23	121	24		53	12	6 Jul'77
O	Cotati					38	18	121	17		40	12	5 Jul'77 do
													ALPINE
R	Ione					38	21	120	56		287	12	5 Jul'77 T (max.min.) from Nov'77
O	Pine Grove					38	20	120	50			1	0 Mar'87 Feb'88 Bar. max.min.T rain
C	"											12	7 Oct'74 Apl'77 T Pacific Rainfall
													AMADOR
O	Mellerys (Sutter)					38	30	120	00	125		8	Nov'83 Jul'86 Max.min.T wind rain
L	Multers					38	32	121	30		1	5	Aug'38 R record from Jul'85 Pacific R
R	Plymire					38	27	121	57	75	4	1	Nov'85 T (max.min.) wind rain
O	Vacaville										1	0	Feb'03 Apl'70 Smithsonian Collection
O	"										9	10	Jan'80 T 3y 2 m from Sep'67
	"					38	21	121	30	175	1	4	Sep'80 T (max.min) wind rain
O	Winters					38	14	121	54	10	3	4	Jun'83 Sep'38 Max. min T and rain. A rain record from Jun'79 to Dec'80 in Pacific Rainfall

T (max.min) wind & rain
Smithsonian Collection

Max.min.T wind from Nov'77
Apr.-Apr. wind R. (Calistoga)
Max.min T. wind and rain from
Nov'77 Pacific Rain from Sep'76
Insane Asylum (Board Health)

Smithsonian Collection
River station Rain & river
record Dec. to Apl.each year

T (max.min) wind & rain .A.
R record from Sep'71 to Jun'80
in Pacific Rainfall

Max.min T.wind from Nov'77
T Hydron.wind & rain
Max.Min.T wind & rain
T & R from various sources
T from Nov'77
do

T (max.min.) from Nov'77
Bar. max.min.T rain
Pacific Rainfall

Max.min.T wind rain
R record from Jul'85 Pacific R
T (max.min.) wind rain
Smithsonian Collection
T 3y 2 m from Sep'67
T (max.min) wind rain
Max. min T and rain. A rain
record from Jun'79 to Dec'80
in Pacific Rainfall

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	SOLANO	° ′	° ′							
R R	Suisun City	38 14	122 02	11	17	5	Nov'71			Max.Min.T.Wind & Rainfall.
V O	Rio Vista	38 11	121 40		1	4	Feb'81	May'82		Bar. Temp.Hyg.Wind,Clds.Rain R.record from Dec'88 in Pacific Rainfall
R R	South Vallejo	38 06	122 26	23	17	6	Jun'72			Max.Min.T. Wind. Rain from Nov7
V O	Benecia Barrack	38 02	122 08	64	17	2x	Nov'49	Dec'74		Smithsonian Collection
M D	" "				24	6x	Jan'60			Temp.Hyg.Wind.Clds.Rain
V O	Mare Island	38 06	122 15		3	9x	Jan'68	Dec'73		Smithsonian Col.T. 2 yrs.3 mos
V O						6	Jan'78	Jun'78		Bar.Ther.Wind.Clds.Rain
V O	Green Valley				1	1	Dec'86	Dec'87		
	CALAVERAS									
V O	Copperopolis				1	0x	Oct'86	May'88		Max. Min.T & Rain
M D	Fort Union	38 35	121 28	54	1	7x	Nov'63	Aug'65		T. Hyg. Wind. Rain. A rain record Jan'65 to Jul'67 in Pacific Rainfall
R R	Valley Springs				1	4	Jul'88			Max. Min. Temp. Wind. Rain
	MARIN									
S S.	Pt.Reyes Light					10	Mar'89			3d Order
V O	Ross Valley	37 55	122 40		2	10x	Feb'84	Nov'86		Bar.Max.Min.T.Wind.Rain A rain record from Jul'83 Pacific Rai
V O	Sausalito	37 50	122 30		1	7	May'86	Dec'88		T.broken.Rain record from Jul '81 in Pacific Rainfall
M D	Angel Island	37 48	122 28	50	21	0	Dec'67			T. Hyg. Wind. Clds. Rain.
	SAN FRANCISCO									
M D	Alcatraz Id.	37 49	122 24	136	27	3x	Feb'60			do
V O	Fort Point	37 48	122 28	100	15	0	Jan'60	Dec'74		
M D	" "				2	6	Nov'65	Aug'68		Temp.Hyg.Wind.Rain
S S	San Francisco	37 48	122 26	60	18	11	Feb'71			2d Order
V O	" "					4	Mar'74	Jul'74		Bar.T.(max.min.)Hyg.Rain.A rain record from Jul'49 in Pacific Rainfall
M D	Fort Mason				7	1	Dec'82			T. Hyg. Wind. Clds. Rain.
M D	Yerba Buena Id	37 48	122 24	39	4	1	Feb'69	Oct'73		T.(max.min) Hyg.Wind.Clds.Rain Rain record 13 y 5 m to May'86 in Pacific Rainfall

X Record broken.

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	ALAMEDA	°	′	°	′							
R R	Livermore	37	40	121	45	485	19	10	Mar'70			T.(max.min.) Wind,Rain,Nov'77
R R	Pleasanton	37	41	121	47	360	12	2	Aug'77			do
R R	Niles	37	42	122	06	87	18	7	Feb'71			do
R R	Midway	37	43	121	32	356	1	7	Jul'77	Jan'79		R.record from Sep'70 Pacific R T.(max.min.) Wind.Rain from Nov'77. Rain record from Aug. '79 Pacific Rainfall
V O	Centreville						4	0	Jan'86			Rain--Temp.& Wind for 3 y 1 m.
R R	Newark						1	5	Aug'88			T.(max.min.) Rain & Wind
R R	Haywards							1	Dec'89			do
	STANISLAUS											
V O	La Grange	37	42	120	28	250		9	Mar'73	Nov'73	R	
V O	"						3	2	Aug'86			T. from Jan'88. A rain record from Jul'67 Pacific Rainfall
R R	Modesto	37	38	120	58	90	18	10	Mar'71			T.(max.min.) Wind from Nov'77 R.record from Sep'70 Pac.Rain
R R	Turlock	37	30	120	52	106	10	11	Feb'79			Rain from Sep'78 Pacific Rain.
R R	Newman						1	3x	Sep'88			T.(max.min.) Wind & Rain
R R	Westley						1	5	Aug'88			do
	SAN MATEO											
R R	San Mateo	37	34	122	19	30	12	1	Nov'77			T.(max.min.)Wind.R. A rain record from Sep'73 Pacific Rain
R R	Menlo Park	37	27	122	11	72	11	10	Mar'78			T.(max.min.) Wind. Rain
R R	Belmont							3	Oct'89			do
	SANTA CLARA											
V O	Mt.Hamilton	37	20	121	30		1	6	Jul'88			(Lick Observatory) Full reports Rain from Jan'81 Pacific Rain.
V O	Murphy's	38	08	120	28	2200	1	0	Mar'68	Mar'69		Smithsonian Collection
V O	San Jose	37	20	121	52		1	6x	Aug'74	Oct'86		
R R	" "	37	21	121	52	94	12	1	Nov'77			T.(max.min.) Wind & Rain. Rain record from Sep'73 Pacific R.
V O	Santa Clara	37	20	121	58	80		7x	Sep'59	Mar'61		Smithsonian Collection
V O	" "						3	2	Oct'85			Bar.Temp.Rain. Pacific Rainfall has additional rain record

X Record broken.

Jackson's Pharmacy

Cough Syrup	27	40	110	24	088	23	1/	1	Jan'70		
Phenobarbital	27	41	120	47	320	11	2		Aug'72		
Quinine	27	42	130	05	027	12	1		Feb'71		
Tylenol	27	43	140	22	064	1	7		Jul'77	Jan'70	
Codeine Phosphate						4	0		Jan'80		
Codeine						1	3		Aug'80		
Morphine							1		Dec'82		
Morphine Sulfate											
Ma Huang	27	44	120	24	080		9		Jan'72	Nov'72	H
Ephedrine						3	0		Aug'84		
Ephedrine	27	12	120	44	40	15	10		Mar'71		
Benzedrine	27	30	120	30	104	10	11		Feb'73		
Dexedrine						1	34		Sep'80		
Adderall						1	3		Aug'78		
Sal Volatile											
Ammonia Water	27	40	150	19	40	12	1		Nov'77		
Smelling Salts	27	27	120	14	72	11	10		Jan'78		
Aromatics						3			Oct'80		
Spirits of Camphor											
Camphorated Oil	27	50	120	30		1	6		Jul'82		
Camphor's	27	09	120	20	2000	1	0		Mar'82	Mar'82	
Camphor Oil	27	30	120	20		1	4		Aug'74	Oct'82	
Camphor	27	31	120	22	94	12	1		Nov'77		
Camphor Glycerate	27	20	120	62	08		7		Jan'82	Mar'82	
Camphor Water						3	2		Oct'82		

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		° ′	° ′						
	SANTA CLARA								
V O	Los Gatos	37 14	121 59	600	3 10x	Feb'85			From May'87 Bar.T.(max.min) R Rain from Feb'84 Pacific Rain.
R R	" "	37 14	122 22		1 2x	Sep'88			T.(max.min.) Wind & Rain
R R	Tennant	37 04	121 38	335	7 8	Feb'78	Oct'85		do Rain from Sep'77 Pacific Rain
R R	Gilroy	36 59	121 33	261	11 11	Nov'77			T.(max.min.)Wind.Rain. A rain record from Sep'73 Pacific R.
R R	Almadia	37 10	121 51		3 1	Dec'86			T.(max.min.) Wind & Rain
V O	Evergreen				3 3	Oct'86		T	
	MERCED.								
R R	Livingston	37 23	120 42		4 1	Nov'85			T(max.min.) Wind from Jan'86
R R	Merced	37 19	120 30	171	17 5	Feb'74			T.(max.min.) Wind from Nov'77 Rain from Sep'71 Pacific Rain
R R	Athlone	37 15	120 25		4 0	Dec'85			T.(max.min.) Wind & Rainfall
V O	Los Banos	37 04	120 46		3 5	Jul'86			Bar.Temp.Rain. Rain from Jan' 75. in Pacific Rainfall
	SANTA CRUZ								
R R	Aptos	36 58	121 54		5 6	Jul'84			T.(max.min.) Wind & Rain
V O	Santa Cruz	36 58	122 02		11	Jan'73	Nov'73		Smithsonian Col. Rain 1 month
	" "				3 7x	Feb'74	Sep'78		Bar.T. Hyg.Wind,Rain
R R	" "			25	12 0	Dec'77			T.(max.min.) Wind & Rain
V O	Watsonville	36 56	121 43	45	2 8	Jan'69	Feb'72		Smithsonian Collection
V O	"				1	Jul'81	Jul'81		Bar.Temp.(max.min.)
R R	Soquell	36 59	121 58		5 0	Jan'85			T.(max.min.) Wind & Rain
R R	Boulder Creek				1 3x	Sep'88			do
R R	Felton				1 5	Aug'88			do
R R	Laurel				1 4x	Aug'88			do
	FRESNO								
V O	Fort Miller	37 00	119 40	402	6 11	Jul'51	Jun'58		Smithsonian Collection
M D	" "				9	Dec'63	Aug'64		Temp.Hyg. Wind,Rain.
R R	Borden	36 58	120 04	274	14 3x	May'75			T(max.min.) Wind from Nov'77
V O	"				11	Nov'85	Apl'87	T	

X Record broken.

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		° ′	° ′						
	FRESNO								
R R	Fresno City	36 44	119 48		12 5	Jul'77			T.(max.min.) Wind from Nov'77
V O	" "	36 42	119 47	282	1 10	Jan'77	Oct'78		
S S	" "	36 43	119 49	328	2 4	Sep'87			2d Order
R R	Kingsburg	36 39	119 53	301	10 10	Feb'79			T.(max.min.m) Wind & Rain A Rain record from Sep'78 in Pacific Rainfall.
R R	Selma	36 41	119 45	295	3 11x	Dec'85			T.(max.min.) Wind Rain.
R R	Fruto	36 44	119 51	295	1 4	Sep'88			do
R R	Alcade				1 5	Aug'88			do
R R	Berenda				10	Mar'89			do
R R	Sanger Junc.				1 5	Aug'88			do
	SAN BENITO								
R R	Hollister	36 51	121 37	392	12 1	Nov'77			do
V O	San Benito	36 08	121 02	140	1 9x	May'61	Jul63		Rain from Sep'73 Pacific Rain Smithsonian Collection
	Monterey								
R R	Pajaro	36 53	121 44	31	12 1	Nov'77			T.(max.min.) Wind & Rain.Rain from Sep'73 Pacific Rainfall
V O	Salinas	36 41	121 36	45	17 5x	May'72			Bar.Temp.Wind & Rain
R R	"	36 42	12137	75	12 1	Nov'77			T.(max.min.) Wind & Rainfall
V O	Monterey Bks.	36 36	121 52	40	14 0x	May'47	Sep'72		Smithsonian Collection
M D	"				5	May'65	Sep'65		Temp.Hyg. Wind.Rain
S S	Monterey	36 38	121 53		3 2	Aug'77	Sep'80		Sunset stationT. Wind Clds.& Rain.Bar.& Hyg. from Dec'79
R R	"	36 35	121 51	42	9 10	Mar'80			T.(max.min.) Wind & Rain
R R	"				0 5	Jul'83		R	(Hotel Del Monte)
R R	Chualar	36 36	121 30	111	5 2x	Jan'82	May'87		T.(max.min.)Wind & Rain. Rain from Nov'76 Pacific Rainfall
R R	Soledad	36 26	121 17	183	12 0	Nov'77			T.(max.min.) Wind & Rain.Rain from Sep'73 Pacific Rainfall
V O	Jolon	36 00	121 15	7	7 4	Sep'82		T	
R R	Kings City				3 3	Oct'86			T.(max.min.) Wind & Rain.
R R	San Ardo	36 09	121 10		3 3	Oct'86			do
R R	Castroville				1 0	Jan'89			do

X Record broken.

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	MONTEREY	° ′	° ′						
V O	Delmonte				1 0	Aug'80	Jul'81	R	Report of Board of Health
	TULARE.								
V O	Visalia				1 4x	Jan'70	Jul'71		Smithsonian Collection
V O	"				5	Jan'75	May'75		
S S	"	36 20	119 17	348	5 11	Jul'77	May'83		2d Order. Rain record from May'86 Pacific Rainfall
M D	Fort Babbitt	36 30	119 30		1 8x	Nov'63	Feb'66		Bar.Temp.Hyg. Rain
R R	Goshen	36 21	119 24	286	12 4	May'75			T.(max.min.) Wind from Nov'77
R R	Livermore	36 17	119 51	227	10 8x	F b'79			T.(max.min.) Wind & Rain A record of Rain from Sep'78 in Pacific Rainfall
R R	Tulare	36 13	119 19	289	15 4x	Mar'74			T.(max.min.) Wind from Nov'77
V O	Lewis Creek	36 12	118 58	456	2 5x	Oct'86			also known as Tuohy's Ranch. Bar. Temp. Wind, Clds. Rain
R R	" "				10 4x	Jan'79			T.(max.min.)Wind & Rain
R R	Traver	36 14	119 27		3 8x	Dec'85			do
R R	Esperanza				1 4	Sep'88			do
R R	Portersville				1 4	Aug'88			do
V O	Tipton				1 4	Mar'88		T	
	INYO								
R R	Bishop Creek	37 21	118 22		5 7x	Nov'83			do
M D	Ft.Independence	36 50	117 30	4598	11 6	Nov'62	Jun'77		Bar.Temp.Hyg.Wind,Clds.Rain
V O	" "				8 2x	Nov'65	Dec'74		Smithsonian Collection
R R	Keeler	36 35	117 50	3622	5 4	Apl'84			T.(max.min.) Wind & Rain
S S	"				4 10	Mar'85			2d Order
	SAN LUIS OBISPO								
R R	San Miguel	35 45	120 43	616	3 1	Nov'86			T.(max.min.) Wind & Rain
V O	" "				3	Oct'86	Dec'86		Bar. Temp. Wind Rain
R R	Paso Robles	35 34	120 40		3 1	Nov'86			T (max.min) & wind from Jan'88
S S	San Luis Obispo	35 18	120 39	270	1 0	Jun'85	May'86		2d Order
V O				363	1 11x	Sep'87			Full report Rain from Jul'69 in Pacific Rainfall
R R	Templeton	35 30	120 41		3 1	Dec'86			T.(max.min.) Wind & Rain
R R	Santa Margarita		-		11	Feb'89			do
V O	Steeles				2 11	Nov'86			From Jul'87 Max.& Min.

X Record broken.

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	KERN	°	′	°	′							
R R	Delano	35	57	119	26	319	14	6	May'75			T.(max.min.) Wind from Nov'77
R R	Sumner	35	24	119	00	422	13	9	Jan'75	Oct'88		T(max.min.) Wind from Nov'77. Rain from Sep'74,Pacific Rain
R R	Caliente	35	17	118	41	1290	13	9	Feb'76			T.(max.min.) Wind from Nov'77
R R	Tehachapi	35	06	118	26	3964	12	10x	Nov'76			do
R R	Keene	35	12	118	40	2705	12	5	Jul'77			do
R R	Mojave	35	03	118	11	2751	12	6x	Dec'76			do Rain from Sep'76 Pacific Rain
V O	Fort Tejon	34	55	118	44	3422	4	7x	Mar'55	Dec'59		
M D	" "						1	7x	Jan'60	Aug'64		T. Hyg. Clds. Rain
R R	Girard						1	0	Jan'89			T.(max.min.) Wind & Rain
R R	Bakersfield						1	2	Nov'88			do
	SAN BERNARDINO											
M D	Fort Cady	34	58	116	40	3000	3	1	Jan'68	Jan'71		T.,Wind,Hyg. Rain. A rainfall record to Jun'76 in Pacific R.
R R	Daggett	34	51	116	53	6824	1	1	Aug'83	Aug'84		T.(max.min.) Wind & Rain
R R	Fenner	34	48	115	12		1	2	Aug'83	Sep'84		do
R R	Needles	34	41	114	28		1	1	Sep'83	Sep'84		do
V O	"							7	Jul'88			do
V O	SanBernardino	34	06	117	18		13	11x	Jul'70			Rain from Jan'89 only
V O	Lugonia	34	00	117	15	1800	1	5	Oct'86	Apl'88		T.(max.min.) Hyg. Wind. Rain Rain from Nov'83 Pacific Rain.
V O	Ontario	34	04	116	40			8x	Nov'86	Jul'87		Rain from Dec'83 Pacific Rain.
R R	"							10	Feb'89			T.(max.min.) Wind & Rain
R R	Colton	34	02	117	22	965	12	10	Nov'76			T.(max.min.) Wind from Nov'77 Rain from Sep'76 Pacific Rain.
V O	Ranch de Jurupa	34	02	117	27	1000	1	7	Sep'52	Mar'54		
V O	Riverside	34	00	117	20	850	4	11	Sep'80	Jul'85	T	
V O	"						5	0	Jan'82	Dec'86		Table of max.min.Temp.
V O	"						3	8x	Feb'86			Bar.,Temp. Rain
R R	San Gorgonia	33	54	117	02	2560	2	2	Oct'78	Nov'80		Also known as Banning. T.(max. min.)Wind,Rain. A rain record from Oct'74 Pacific Rainfall
R R	" "						1	11	Jan'86	Nov'87		T.(max.min.)Wind & Rain
VO	" "								Dec'87	Mar'89		do

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		° ′	° ′							
	SAN BERNARDINO									
V O	San Gorgonia P.	34 00	117 00	3500	7	5	Oct'74	Dec'81		Temp.Hyg.Wind,Clds. Rain
V O	Rancho d Chimo	33 59	117 44	1000	1	2x	Jul'51	Aug'52		Rain broken
V O	Barstow				1	8	May'88			T.(max.min.) Rain
R R	Beaumont				2	0	Jan'88			T.(max.min.) Wind & Rain
	SANTA BARBARA									
R R	Santa Maria	34 58	120 29		4	0	Jan'86			Bar.& Temp.from Nov'86
V O	Guadalupe	34 44	120 39	30	2	0	Oct'85	Sep'87		Temp. & Rain
M D	Santa Barbara	34 25	119 40	20		7	Feb'64	Aug'64		Temp.Hyg.Wind,Rain
S S	" "				3	2	Aug'77	Sep'80		Sunset station.T.Wind Clds.R.
	" "				6	4x	Oct'80			T.(max.min.) Wind Rain
R R	" "	34 24	119 40	20	1	11	Jan'88			do
V O	" "				20	0	Jan'68	Dec'87		Table of Rainfall(Temp.also for 10 mos.Apl'76 Jan'77)
	VENTURA									
V O	Ventura	34 27	119 08	1200	1	11x	Jun'86	Feb'89		Temp.Wind.Rain.Rain from Dec. '81 to May'87 Pacific Rainfall
V O	S Buenventura	34 17	119 13	50	5	5	May'78	Jun'86		Temp.Hyg.Clds.Rain. Rain from Jul'75 in Pacific Rainfall
R R	Santa Paula				1	5	Aug'88			T.(max.min.) Wind & Rain
	LOS ANGELES.									
V O	Los Angeles	34 03	118 12	457		6	Jun'47	Mar'48		Smithsonian Collection
V O	" "				1	0	Oct'74	Sep'75		ReportState Board Health
V O	" "						Feb'72	Dec'87	T	
R R	" "			371	15	1	Dec'74			Max.Min.Temp from Nov'77
S S	" "	34 03	118 15	330	12	6	Jul'77			2d Order
R R	Ravenna	34 26	118 17	2358	10	5	Jul'79			T.(max.min.) Wind & Rain. From Jun'86 observations are from Southside
R R	Newhall	34 25	118 33	1268	12		Sep'76			T.(max.min) Wind from Nov'77
R R	San Fernando	34 16	118 26	1066	12	2	Sep'77			T.(max.min.) Wind & Rain
V O	Colegrove	34 05	118 14	300	5	7	May'84		T	Record from Jan'83 Pacific R.
V O	El Monte	34 04	118 05		1	2	Dec'72	Dec'74		Rain broken;T one year only
V O	" "				3	5x	Dec'73	Jun'77		Temp.Wind.Clds.Rain.
R R	Spadra	34 03	117 46	705	13	3	Jul'76			T.(max.min.) Wind from Nov'77 Rain from Sep'74 Pacific Rain.

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	LOS ANGELES.									
R R	Santa Monica	34° 00′	118° 28′	50	6	1	Jul'79			T.(max.min.)Wind from Nov'77
V O	" "				2	1	Jan'85	Jan'87		T.(max.min.) Clds.Wind Rain
V O	Downey	33 55	118 07	112	2	1	Dec'86	Dec'88		Temp.from Dec'87. Rain from Dec'85 in Pacific Rainfall
R R	"				1	0	Jan'89			T.(max.min.) Wind Rain
M D	Drum Barracks	33 49	118 22	32	6	9x	May'64	Nov'71		Temp.Hyg.Wind.Clds.Rain
R R	Anaheim	33 49	117 54	250	12	1	Dec'77			T.(max.min.) Wind & Rain Rain from Sep'77 Pacific Rainfall
V O	Summit Hill				6	0	May'70	Dec'75	R	State Board of Health
R R	Florence				1	0	Jan'89			T.(max.min.) Wind & Rain
R R	Long Beach					10x	Jan'89			do
R R	Norwalk				1	0	Jan'89			do
R R	Pomona				1	0	Jan'89			do
R R	Puenta				1	0	Jan'89			do
R R	San Gabriel	34 13	118 10	1400	1	0	Jan'89			do Also known as Kinneyloa
V O	" "					2	Apl'81	May'81		Bar. Temp.Hyg.Clds.Rain
R R	Santa Ana				1	0	Jan'89			T.(max.min.) Wind & Rain
R R	San Pedro				1	4	Aug'88			do
R R	Tropico				2	0	Jan'88			do
R R	Whittier				1	5	Aug'88			do
	SAN DIEGO									
R R	White Water	33 54	116 39		6	9	Sep'77	Jun'84		do
R R	Cabazon	33 45	116 46		0	11	Nov'77	Sep'78		do
R R	"				1	3	Jul'84	Sep'85	T	
R R	Indio	33 49	116 14	20	12	0	Sep'77			T.(max.min.) Wind & Rain
V O	Fall Brook	33 23	117 09	800	12	4	Jan'76	Jan'88		Observations at Oakwood to Dec'83 Temp.Hyg.Clds.Rain
V O	Julian	33 04	116 36		0	4	Nov'75	Feb'76		Temp.Hyg.Rain Rain to Aug'84 Pacific Rainfall
V O	"					6	Jul'89			Temp.& Rain
R R	Mammoth Tank	33 07	115 17	265	12	2	Sep'77			T.(max.min.) Wind & Rain
V O	Poway	32 58	117 01	540	9	1	Nov'78	Nov'87		T. Hyg. Clds. Wind. Rain
V O	"				2	4	Jan'86	May'88		Temp. & Rain
V O	Fort Yuma	32 23	114 36	276	20	6x	Dec'50	Sep'75		Temp. & Rain.Smithsonian Col.
D	" "				18	11	Jan'60	Mar'83		Bar.T.(max.min.) Wind & Rain Rain to Dec'87 Pacific Rain.

X Record broken.

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		° ′	° ′							
	SAN DIEGO									
S S	San Diego	32 45	117 08	93	18	2	Nov'71			2d Order
V O	" "	32 42	117 14	150	22	7x	Jul'49	Aug'72		Smithsonian Collection
M D	" "(Barks)				1	0	Jan'89			T.(max.min.) Rain.
S S	Campo	32 37	116 30	253	7	0	Oct'75	Sep'82		2d Order
V O	"					11	Feb'89			Temp. & Rain
V O	Paradise Valley	32 35	116 50	94	1	3	May'72	Dec'73		Smithsonian Col. R. only 6 mos
V VO	Laguna Mts.	32 50	116 31	5440	1	0x	May'85	Nov'86		
	San Luis Rey	33 31	117 21	500	2	6x	Jan'76	Sep'78		T.Hyg.Clds.R.also known as Twin Oaks.
V O	Vallecitas					9	Jul'50	Mar'51		Smithsonian Collection
M D	New San Diego	32 41	117 13	10	6	9x	Jan'60	Apl'71		T. Hyg. Wind. Rain
V O	El Cajon	32 46	116 57	475	1	1x	Nov'75	Apl'77		T. Hyg. Wind. Clds. Rain
V O	Murietta	33 32	117 10	1090	1	2	Jul'85	Aug'86		T.(max.min.) Wind, Rain
R R	Cateus				1	0	Jan'89			do
V O	Elismore				2	2x	Dec'86	Feb'89		Bar.Temp. Wind, Rain
V O	National City					6	Jul'89			Obs. at Sweetwater dam
R R	Salton					11	Feb'89			T.(max.min.) Wind & Rain
R R	Seven Palms				1	0	Jan'89			do
R R	Volcano Springs				1	1	Dec'88	Dec'89		do
V O	Dog Creek	?	?		2	5	Jan'82	Jan'85	T	County not known

X Record broken.

											San Diego
6	San Bruno	32	46	117	08	86	12	2	Nov'71		24 Cuba
0	" "	02	42	117	14	120	22	7a	Jul'49	Aug'72	Southbound Collision
0	" "(Berry)							1	0	Jan'00	T.(Jan.,Jan.) Dain.
1	Cabro	02	07	119	10	255	7	0	Oct'72	Sep'03	34 Drink
0	" "							11	Feb'00		Temp. & Dain
0	Pacific Valley	23	123	80	06	1	0	Aug'72	Dec'72		Collision Col. R. only 6 are
	VOLcano Mtn.	23	30	123	21	8800	1	0x	May'03	Nov'80	
0	Lake Tho	39	21	117	21	800	2	3a	Jan'73	Sep'72	T.Ryg.Clda.R.also known as TWIN OAKS.
0	Valleycita							3	Jul'80	Mar'21	Collision Collision
0	New San Diego	32	41	117	13	10	6	2a	Jan'00	Apr'71	T. Hyc. Moud. Dain
0	El Cajon	32	46	116	07	4916	1	1x	Nov'76	Apr'77	T. Hyc. Wind. Clde. Dain
0	Mortlake	30	32	117	10	1080	1	0	Jul'08	Aug'03	T.(Jan.,Jun.) Wind. Dain
0	Fabula							1	0	Jan'00	Mc
0	Elsmere							2	2x	Dec'01	Apr'80
0	Bayward City								6	Jul'00	Dur.Temp. Wind. Dain
1	Salem								13	Feb'80	Obs. at Jovietv'ir dam
0	Green Valley							1	0	Jan'00	T.(Jan.,Jun.) Wind & Dain
0	Folsom Springs							1	3	Nov'80	Do
0	Bear Creek							2	6	Jan'82	Do
											2 County not known

The following additional Stations having rainfall records only, can be found in Senate Executive Document No. 91, 50th Congress, 1st Session.

CALIFORNIA

Station	County	Station	County	Station	County
Mt. Diablo	Contra Costa	Conn Creek	Napa	Erie	San Benito
Laytonville	Mendocino	Mt.Hot Springs	Modoc	Little Stony	Colusa
Middletown	Lake	Otay Mesa	San Rafael	Potter Valley	Mendocino
Wrights	Santa Clara	Lower Soda Spg	Placer	Firebaugh Ferry	Fresno
Humboldt Light	Humboldt	Madison	Yolo	Weaverville	Trinity
Reeds Camp	Shasta	Humford Hill	Plumas	Point Arenas	Mendocino
Cantelope Val.	Colusa	Cherokee	Butte	Cherokee Res.	Butte
Smartville	Yuba	N.Bloomfield	Nevada	Nevada City	Nevada
Kono Tayee	Lake	Knoxville	Napa	Jackson	Amador
Birds Landing	Solano	Point Reyes	Marin	San Rafael	Marin
Point Bonita	Marin	Farallon Ids	San Francisco	E.Brother Isld	Contar Costa
Calaveras Valley	Alameda	Grayson	Stanislaus	Hills Ferry	Stanislaus
Crystal Springs	San Mateo	Woodside	San Mateo	Pigeon Point	San Mateo
Ano Neuvo Id.	San Mateo	San Andreas	San Mateo	Pilarcitos	San Mateo
Point Montara	San Mateo	Central Point	Merced	Buchanan	Fresno
Hamptonville	Fresno	Big Dry Creek	Fresno	Kings River	Fresno
New Idria	Fresno	Gonzalez	Monterey	Kingsburgh	Tulare
Hanford	Tulare	Fort Harford	San L.Obispo	McClung's Ranch	Kern
Rings Station	San Bernardino	Arroyo	Santa Barbara	Los Alamos	Santa Barbara
Pt. Conception	Santa Barbara	Alosta	Los Angeles	Escondido	San Diego

Fragmentary Records of less than a year in length are on file from the Following Stations in

CALIFORNIA.

Station	County	Station	County	Station	County
Palmdale	San Diego	Cuyama	Santa Barbara	Waugh's Ferry	?
Loma Prieta	Santa Cruz	Dos Palmas	San Diego	Camptonville	Yuba
Central Point	Merced	Cucamonga	SanBernardino	Camp Fitzgerald	Los Angeles
Crafton	San Bernardino	Lompoc	Santa Barbara	Rodes d'Las Argus	L.Angeles
Laguna Rancho	Los Angeles	Healdsburg	Sonoma	Summit Valley	Nevada
Tia Juana	San Diego	Santa Rosa Ran	Santa Barbara	Tower House	Shasta
Santa Catalina Id.	?	Camp Standard	San Joaquin	Point Lobos	San Francisco
Yosemite Valley	Mariposa	Deer Park	San Bernardino	Earlham(Orange)	Los Angeles
E. Yucaipa	?	E. Pasadena	Los Angeles	Grand View	Los Angeles
Langworth	Stanislaus	Madera	Fresno	Modena	?
San Jacinto	San Diego	Westminster	Los Angeles	West Point	Calaveras
Woodland(near)	Yolo	Clayton	Contar Costa	Downieville	Sierra
Marsh Ranch	Contar Costa	Los Alamos	Santa Barbara	Paradise City	?
Stony Point	Sonoma	Vicjas	San Diego		

Preliminary Records of 1022 that a year in length are in Vita from the

Solstice Stations in

CALIFORNIA.

Station	County	Station	County	Station	County
Pilchard	San Diego	Cypress	Santa Barbara	Mount's Ferry	?
Lomas Pilots	Santa Cruz	The Pasaos	San Diego	Cuyahuntile	Yuba
Cabrel Point	Ventura	Cucamonga	Sunbrightarian	Cape Fahlcynamiano Angeles	
Trefion	San Bernardino	Lomoro	Santa Barbara	Tuba City	L.Angeles
Laguna Seco	Los Angeles	Hoolidrarc	Fresno	Sonata Valley	Nevada
Ile Santa	San Diego	Santa Rosa Bay	Santa Barbara	Lower Mono	Ontario
Santa Catalina I.	?	Cape Fleudrate	San Joaquin	Coin Bluffs	San Bernardino
Tassajie Valley	Arizona	Moor Park	Los Angeles	Cerro Azul	L.Angeles
E. Tassajie	?	E. Pasadena	Los Angeles	Ground Ville	Los Angeles
Lucerne	Sonoma	Belmore	Tehano	Hoctano	?
San Clarito	San Diego	Wrightwater	Los Angeles	Wind Point	Calaveras
Wheelwright	Yuba	Clayton	Contra Costa	Downtyville	Sierra
Upper Tuscan	Orange Costa	Los Alamos	Santa Barbara	Paradise City	
Cotto Trail	Sonoma	Vicjas	San Diego		

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		° ′	° ′						
	LARIMER.								
V O	Fort Collins	40 35	105 02	5000	2 2	Nov'72	Dec'74		Smithsonian Collection.
V O	" "				6 10x	Jan'74			Bar.T(max.min.)Hyg.Wind,Clds.R.
V O	Elkhorn	40 45	105 28		5	Aug'89		T	
V O	La Porte	40 38	105 06		6	Jul'89		T	
V O	Livermore	40 48	105 14		7	Jun'89		T	
W S	Loveland	40 23	105 00	5000	6x	Nov'87			
V O	Mid'l.Box Elder	40 49	105 05		6	Jul'89		T	(Experiment Station)
W S	Moraine	40 21	105 34		3	Oct'89			
V O	Upper Pine				6	Jul'89		T	(Experiment Station).
W S	Walden	39 30	107 09	8050	1 6x	Aug'87	Feb'89		
	WELD.								
V O	Greeley	40 26	104 42	4750	2 1x	Nov'87			Temp.(max.min.) Rain.
W S	Hardin	40 25	104 30		3	Oct'89		T	
	LOGAN.								
V O	Le Roy (near)	40 34	102 56		2x	Oct'89			
	SEDGWICK.								
W S	Julesburg	40 59	102 15	3475	1 5x	May'88			Temp.(max.min.) Rain.
M D	Ft. Sedgwick	41 00	102 27	3360	3 10x	Apl'67	Apl'71		Temp. Hyg. Wind, Rain.
W S	Sedgwick	40 56	102 28		3	Oct'89		T	
	PHILLIPS.								
W S	Amherst	40 39	102 04		2	Nov'89		T	
W S	Paoli	40 36	102 28		1 1x	Aug'88	Nov'89		
	GRAND.								
V O	Fraser	39 57	105 49		8x	Apl'89			
V O	Hot Sulphur Sp.	40 05	106 10	7600	1 9x	Jun'74	Mar'76		Temp.Wind,Clds.Rain.
	BOULDER.								
W S	Boulder Canon				3	Oct'89		T	
W S	Longmont	40 10	105 06	5000	3 2x	Sep'86			Temp.(max.min.) Rain.
W S	Magnolia	39 58	105 22		7x	Mar'89			do.
	MORGAN.								
W S	Brush	40 18	103 37		3	Oct'89		T	
M D	Fort Morgan	40 18	103 42	4500	1 4	Jan'67	Apl'68		Temp.Hyg.Wind, Rain.
W S	" "				4x	Jan'88			

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	GARFIELD.									
W S	Glenwood Spgs.	39 32	107 19	5760	2	4x	May'86			Temp.(max.min.)Rain.
W S	Parachute	39 32	108 05			3	Oct'89		T	
W S	Rifle Falls	39 35	107 50		1	0	Jan'89			(Newcastle)
	SUMMIT									
W S	Breckenridge	39 30	106 00	9524	1	0x	Oct'88			T(max.min)& from Oct'89 Rain.
	CLEAR CREEK.									
V O	Georgetown	39 43	105 41	8594	2	4x	Oct'78			Bar.Temp.Hyg.Wind,Clouds Rain with max.& min. temp from Apl'88
W S	Idaho Springs	39 45	105 30	7569	3	1x	Jun'86			Temp.(max.min.) Rain
	JEFFERSON.									
V O	Golden City	39 44	105 20	5993	2	3x	May'60	Dec'73		Smithsonian Collection.
V O	" "				2	7x	Jan'74	Feb'84		Bar.T.Hyg.Wind,Clds.Rain.
W S	" "					11x	Sep'86	Nov'87		Temp.(max.min.) Rain.
V O	Hutchinson	39 32	105 16		1	0	Jan'75	Dec'75		Temp.Wind,Clds.Rain.
	ARAPAHOE.									
W S	Bennett	39 46	104 26		1	1x	Feb'88			Temp.and from Feb'89,Rain
W S	Byers	39 43	104 13			7x	Apl'89			
W S	Deer Trail	39 38	104 01			7x	Apl'89			Temp. & 1 month of rain.
S S	Denver	39 45	105 00	5281	18	1	Dec'71			2d Order.
V O	"					7x	Feb'89	Nov'89		
V O	"				4	7x	Jan'59	Dec'73		Smithsonian Collection.
M D	Fort Logan				1	0	Jan'89			(Near Denver)T.max.min.Rain.
W S	Watkins	39 46	104 34			4x	Apl'89			Temp. & 1 month of rain.
	MESA.									
V O	Fruita	39 10	108 43			3	Oct'89			
V O	Grand Junction	39 05	108 25	4500	1	4x	Apl'85	Apl'88		Bar.T.(max.min.)Hyg.Wind.Cld.R.
W S	T. S. Ranche	39 00	108 15		2	11	Feb'87			9 miles from Whitewater.
	PITKIN.									
W S	Aspen	39 12	106 50	8000	2	5x	Oct'86			
W S	Emma					3	Oct'89		T	
	LAKE.									
W S	Climax	39 25	106 05	11325	2	5x	Jun'87			
W S	Leadville	39 15	106 17	10200	1	7x	Jun'88			Temp.(max.min.) Rain.

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	PARK.	° ′	° ′						
W S	Alma	39 18	106 04	10320	2 11x	Apl'86			Temp.(max.min.) Rain.
V O	Dudley	39 30	106 00	10500	1 4x	Jan'77	May'78	R	
W S	Como (near)	39 18	105 53	9500	2 1x	Oct'87			Temp.(max.min.)Rain.
W S	Dolly Varden Mine----------	39 20	106 00		1 0x	Aug'88	Oct'89		Temp. & one month of Rain.
	ELBERT.								
W S	Agate	39 28	103 55		6x	Mar'89			
W S	River Bend	39 18	103 46		6x	Mar'89		R	
W S	Thon			5795	1 9x	Mar'88			
	LINCOLN.								
W S	Aroya	38 53	103 09		4x	Apl'89		R	
W S	Hugo	39 07	103 25	5068	1 1x	Jun'86			
	DELTA.								
V O	Delta	38 45	108 06	4950	1 4	Sep'88			Temp.(max.min.) Rain.
	GUNNISON.								
V O	Gunnison	38 34	106 52	7558	4	Jan'84	Apl'84		Temp.Hyg. Wind Clds. Rain.
W S	"				1 2x	Jul'88			
	EL PASO.								
S S	Colorado Spg's.	38 51	104 47	6032	5 2	Dec'73			2d Order.Full obs.with the exception of no Bar. or Anemom. after Nov'87.Station closed Aug'76 to Jun'87 incl.
V O	Colorado Spg's.				2 0	Dec'71	Nov'73		Smithsonian Collection.
V O	" "	38 551	104 46	6080	2 4x	Nov'77	May'87		Bar.T.(max.min)Hyg.Wind.Cld.R.
V O	Fountain	38 40	103 40	5420	9x	Apl'74	Feb'75		Temp.Wind,Clds.Rain.
V O	"				2 6x	Nov'71	Feb'75		Smithsonian Collection.
W S	Husted	39 00	104 49	6540	3 9	Apl'86			Temp.(max.min.) Rain.
W S	Palmer Lake	39 07	104 51		1 0	Jan'89			Temp.(max.min.)Rain.
S S	Pikes Peak	38 50	105 02	14134	14 11	Nov'73	Sep'88		2d Order.
W S	" "				5	Aug'89	Oct'89	R	
W S	Wigwam	38 32	104 36		11x	Nov'83		T	
	CHEYENNE.								
W S	Cheyenne Wells	38 48	102 22		7x	Mar'89			
W S	First View	38 49	102 30		7x	Mar'89			
S S	Kit Carson	38 43	102 47		2 8x	Aug'77	Aug'80		{Sunset station.(Bar.Temp.Hyg.
W S	" "				6x	Mar'89			(Wind,Clds.Rain.

X Record broken.

													PARK.
W	S	Alma	39	18	108	0410320	2	11x	Apl'88				Temp.(max.min.) Rain.
V	O	Bailey	39	30	106	0010300	1	4x	Jan'77	May'78	R		
W	S	Como (Dear)	39	18	105	55 9800	2	1x	Oct'87				Temp.(max.min.)Rain.
W	S	Holly Varden											
		Lake.....	39	20	106	00	1	0x	Aug'88	Oct'89			Temp. & one month of Rain.
						ELBERT.							
W	S	Agate	39	28	103	55		6x	Mar'89				
W	S	River Bend	39	18	103	46		6x	Mar'89		R		
W	S	Thon					5795	1	9x	Mar'88			
						LINCOLN.							
W	C	Arpya	38	33	103	09		4x	Apl'89		R		
W	S	Hugo	39	07	103	25	5065	1	1x	Jun'86			
						MESA.							
V	O	Delta	39	43	108	08	4950	1	4	Sep'88			Temp.(max.min.) Rain.
						GUNNISON.							
V	O	Gunnison	38	34	106	32	7558		4	Jan'84	Apl'84		Temp.Hyg. Wind Clds. Rain.
W	S	"						1	2x	Jul'88			
						EL PASO.							
S	S	Colorado Spr's.30	38	51	104	47	6032	5	2	Dec'72			24 Order.Full obs.with the exception of no Bar. or Anemom. after Nov'07.Station closed Aug'76 to Jun'07 incl.
V	O	Colorado Spr's.						2	0	Dec'71	Nov'72		Smithsonian Collection.
V	O	" "	38	51	104	46	6000	2	4x	Nov'77	May'87		Bar.T.(max.min.)Hyg.Wind.Clds.R.
V	O	Fountain	38	40	105	40	5400		3x	Apl'74	Mar'75		Temp.Wind, Clds.Rain.
V	O	"						2	8x	Nov'71	Feb'72		Smithsonian Collection.
W	S	Hrated	38	00	104	49	6940	3	9	Apl'88			Temp.(max.min.) Rain.
W	S	Palmer Lake	39	07	104	51		1	0	Jan'89			Temp.(max.min.)Rain.
S	S	Pikes Peak	38	50	105	0214134	14	11	Nov'72	Sep'88			24 Order.
W	S	" "						3	Aug'89	Oct'89	R		
W	C	Wigwam	38	32	104	38		11x	Nov'33		T		
						CHEYENNE.							
W	C	Cheyenne Wells	38	48	102	22		7x	Mar'89				
W	C	Fort View	38	49	102	30		7x	Mar'89				
S	S	Kit Carson	38	42	102	47		2	8x	Aug'77	Apr'80		Sunset station.(Tar.Temp.)Wind, Clds.Rain.
									6x	Mar'89			

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	MONTROSE.	° ′	° ′						
M D	Fort Crawford	38 26	107 55		1 0	Jan'89			Temp.(max.min.) Rain.
S S	Montrose	38 30	107 56	5795	4 11	Feb'85			2d Order.
	FREMONT.								
V O	Canon City	38 30	105 00	4700	1	Dec'69	Dec'69	T	
W S	" "	38 27	105 14	5230	3 3x	Jul'86			
	SAN MIGUEL.								
W S	Pandora	38 03	107 40	8700	1 11x	Jun'86	Jul'88		Temp.(max.min.) Rain.
	SAGUACHE								
W S	Saguache	38 05	106 15	7740	2 9x	Sep'86	Oct'89		Temp.(min.) Rain.
W S	Villa Grove	38 14	105 52		4x	May'89		T	
	CUSTER.								
W S	Westcliffe	38 07	105 26	7800	1 4x	Apl'86			
	PUEBLO.								
V O	Eagle Farm	38 07	104 35		9x	Mar'89		T	Agl.Exper.Station 12 miles S. of Pueblo. Position approx'd.
S S	Pueblo	38 18	104 36	4753	1 6	Jul'88			2d Order.
V O	"				7 11x	Feb'74	Aug'87		Bar.Temp.(max.min.)Wind,Clds & Rain. Pueblo & S.Pueblo combined
W S	Pueblo				1 5x	Apl'86	Jun'88		
V O	"				1 3	Sep'72	Nov'73		Smithsonian Collection.
M D	Ft.Reynolds	38 15	104 12	4300	4 0	May'68	Apl'72		Temp.Hyg.Wind,Clds.Rain.
	OTERO.								
V O	Rocky Ford	38 00	103 40	4100	1 3	Oct'88			
	BENT.								
S S	Las Animas	38 04	103 12	3899	3 8	Oct'81	May'88		2d Order.Formerly West Las A.
W S	" "				4	Sep'89			
M D	Fort Lyon	38 06	103 30	4000	1 6	Dec'60	May'62		Smithsonian Collection.
M D	" "				21 7x	May'61	Oct'89		Bar.T.(max.min.)Hyg.Wind,Clds Rain.Prior to Jun'62,Ft.Wise.

X Record broken.

													MONTROSE.
D	Port Crawford	38	26	107	35				1	0	Jan'89		Temp.(max.min.) Rain.
S	Montrose	38	30	107	50	7756			4	11	Feb'38		24 Order.
													PRESCOTT.
O	Camden City	38	30	105	00	4700				1	Dec'89	Dec'89	T
S	" "	38	27	105	14	5880			3	3x	Jul'26		
													SAN MIGUEL.
S	Fairfax	39	05	107	40	8700			1	11x	Jun'36	Jul'36	Temp.(max.min.) Rain.
													SAGUACHE.
S	Saguache	38	05	106	15	7740			2	9x	Sep'36	Oct'89	Temp.(min.) Rain.
S	Villa Grove	38	14	106	32					4x	Ihr'38		T
													QUITMAN.
S	West Little	39	07	105	26	7800			1	4x	Apl'86		
													PUEBLO.
O	Eagle Farm	38	07	104	35					9x	Mar'38		T Apl.Exper.Station 12 miles S. of Pueblo. Position approx'd. 24 Order.
S	Pueblo	38	18	104	38	4753			1	6	Jul'83		Bar.Temp.(max.min.)Wind,Clds & Rain. Pueblo & S.Pueblo combined
O	"								7	11x	Feb'74	Aug'87	
S	Pueblo								1	5x	Apl'86	Jun'28	
	"								1	3	2/-'72	Nov'73	Smithsonian Collection.
E	Ft.Lancaster	30	15	104	12	4300			4	0	May'88	Apl'72	Temp.Hyg.wind,Clds.rain.
													QUITMAN.
O	Rocky Ford	38	00	103	40	4100			1	3	Oct'86		
													RICO.
S	Las Animas	38	04	103	12	5800			3	8	Oct'81	May'88	24 Order.Formerly West Las A.
S	" "									4	Sep'89		
D	Port Lyon	38	06	103	20	4000			1	8	Dec'80	May'82	Smithsonian Collection.
T	" "								21	7x	May'81	Oct'80	Bar.T.(max.min.)Hyg.Wind, Clds. Rain.Prior to Jun'82,Ir.Wise.

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		° ′	° ′						
	PROWERS.								
W S	Lamar	38 05	102 34		10x	Jan'89			Temp.(min.) Rain.
	SAN JUAN.								
V O	Silverton	37 46	107 46	9400	11	Sep'75	Jul'76		Temp.Wind, Clds. Rain.
W S	"				6	Sep'86	Feb'87		
	RIO GRANDE.								
W S	Monte Vista	37 35	106 05	7365	3 2x	Aug'86			Temp.(max.min.) Rain.
V O	Summit	37 28	106 35	11300	3 7x	Aug'76	Oct'80		Temp,Wind,Clds.Rain. (Obs. at Little Annie Gold Mining Co's. Office, June to Oct'80.
	HUERFANO.								
M D	Ft.Massachusetts	37 30	105 33	8365	5 3x	Sep'52	Aug'58		Smithsonian Collection.
	LA PLATA.								
S S	Durango	37 15	107 50		1 10	Mar'83		T	Repair station.
V O	Hermosa	37 24	107 50	6700	7 2x	Apl'75	Aug'82		Temp.(max.min.) Rain.
M D	Fort Lewis	37 15	107 57	8500	9 5x	Jan'80			Temp.(max.min.)Wind,Clds,Rain.
	ARCHULETA								
M D	Cantonment of Pagos Springs	37 15	106 50	7100	2 7	Sep'80	Apl'83		Temp. Clds. Rain.
	CONEJOS.								
V O	Platora	37 22	106 29		4x	Aug'89		T	
	COSTILLA.								
M D	Fort Garland	37 25	105 23	7937	13 2x	Oct'58	Dec'74		Smithsonian Collection.
M D	" "				20 10	Jan'60	Oct'83		Temp.Hyg. Wind, Clds. Rain
V O	San Luis	37 14	105 24		10x	Feb'89			Agl.Experiment Station.
	LOS ANIMAS.								
W S	Apishapa	37 26	104 33		3	Oct'89			
S S	Trinidad	37 11	104 28		3 1x	Aug'77	Sep'80		Sunset stn.(Temp.Wind,Clds.R).
V O	"				5	Oct'80	Feb'81		Temp. Wind, Rain.
W S	"				1 11x	May'86	May'88		
	BACA								
W S	Minneapolis	37 30	102 30	3400	1 2	Jun'87	Jul'88		(Formerly Corinth).
W S	Vilas	37 21	102 25		2	Nov'89		T	

X Record broken.

												PROMERS.
1	S	Larsar		38	35	102	34				10x Jan'89	Temp.(min.) Rain.
												SAN JUAN.
1	O	Silverton		37	46	107	46	9400		11	Sep'75 Jul'76	Temp.Wind, Clds. Rain.
	B	"								8	Sep'88 Feb'87	
												RIO GRANDE.
1	S	Monte Vista		37	35	108	05	7385	3		2x Aug'86	Temp.(max.min.) Rain.
1	O	Summit		37	28	108	35	11300	3		7x Aug'76 Oct'80	Temp,Wind,Clds.Rain. (Obs. at Little Annie Gold Mining Co's. Office, June to Oct'80.
												MEXICANO.
1	D	Ft.Massachusetts		37	30	105	25	8385	5		3x Sep'52 Aug'58	Smithsonian Collection.
												LA PLATA.
3	S	Durango		37	15	107	50		1	10	Mar'82	T Repair station.
1	O	Hermosa		37	24	107	50	8700	7		2x Apl'75 Aug'82	Temp.(max.min.) Rain.
1	D	Fort Lewis		37	15	107	57	8800	9		3x Jan'80	Temp.(max.min.)Wind,Clds,Rain.
												ANCHULETA
1	D	Cantonment of Pagosa Springs		37	15	106	50	7100	2	7	Sep'80 Apl'83	Temp. Clds. Rain.
												CONEJOS.
1	O	Platero		37	22	106	28				4x Aug'89	T
												COSTILLA.
1	D	Fort Garland		37	25	105	23	7927	13		2x Oct'58 Dec'74	Smithsonian Collection.
	D	" "							20	10	Jan'00 Oct'82	Temp.Hyg. Wind, Clds. Rain
1	O	San Luis		37	14	105	24				10x Feb'89	Agl.Experiment Station.
												LOS ANIMAS.
4	S	Aplaxipa		37	36	104	25			5	Oct'89	
1	C	Trinidad		37	11	104	28		3		1x Aug'77 Sep'80	Sunset stn.(Temp.Wind,Clds.R).
1	O	"								5	Oct'80 Feb'81	Temp. Wind, Rain.
1	S	"							1		11x May'86 May'88	
												LAKE.
4	S	Kittredge		37	30	102	30	3400	1	2	Jun'87 Jul'88	(Formerly Corinth).
4	S	Vilas		37	21	102	25			2	Nov'89	T

Fragmentary records of less than a year in length are on file from the Following Stations:

C O L O R A D O.

Station	County	Station	County	Station	County
Akron	Washington	Glen Park	El Paso	Poncha Spgs.	Chaffee
Braddock	Summit	Grand Lake	Grand	Prescott	?
Buena Vista	Chaffee	Hartsel	Park	Red Mountain	Ouray
Burlington	Kit Carson	Home	Larimer	Red Cliffe	Eagle
Contonment Rio	de La Plata	Holyoke	Phillips	Rosamount Prk.	El Paso
Castle Rock	Douglas	Kremmling	Grand	Salida	Chaffee
Central City	Gilpin	La Veta	Huerfano	Sanborn(near)	Lincoln
Coulter	Grand	McGregor's Ran. (Estes Park)	Larimer	Seven Lakes	El Paso
Cumbres	Conejas	Merino	Logan	Springfield	Baca
Dolores	Montezuma	Montgomery	Park	Sun View	El Paso
Dillon	Summit	Mountain City	Gilpin	Templeton Gap	El Paso
Eastonville	El Paso	Ouray	Ouray	Ula	Custer
Echo Park Farm	Fremont ?	Pine	Jefferson	Uncompahgre	Montrose
Forest Glen Farm	Elbert	Plattville	Weld		

Frequently reports of less than a year in length are on file from the following stations:

C O L O R A D O.

Station	County	Station	County	Station	County
Alton	Washington	Glen Park	El Paso	Pueblo Spgs.	Chaffee
Boulder	Boulder	Grand Lake	Grand	Prescott	"
Cache Villa	Chaffee	Hartsel	Park	Red Mountain	Ouray
Crestone	Alt Saguache	Hugo	Lincoln	Red Cliff	Eagle
Cuchara Ranch	La Plata	Holyoke	Phillips	Rosemount Ptn.	El Paso
Cuerno Verde	Douglas	Kremmling	Grand	Salida	Chaffee
Dolores City	Ouray	La Veta	Huerfano	Sanborn(Sort)	Lincoln
Durango	Ouray	Lake Fork (Lake City)	Hinsdale	Seven Lakes	El Paso
Fairplay	Park	Leadville	Lake	Springfield	Lake
Fort Lyon	Bent	Montezuma	Park	Sun View	El Paso
Gallion	Douglas	Montrose City	Ouray	Temple Canyon	El Paso
Gleneagle	El Paso	Ouray	Ouray	Ula	Custer
Glen Park Station & Post Office	Eagle	Pine	Jefferson	Unaweep	Montrose
Grant (Lake County)		Platteville	Weld		

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		°	′	°	′							
	LITCHFIELD											
V O	Colebrook	42	00	73	03	1210	12	4x	May'49	Nov'73		Sm.Col.Temp.rain.
V O	"						4	10x	Dec'73	Feb'79		Temp.wind.clds.rain.
W S	Falls Village	41	57	73	22		0	3	May'89		T	Rain.
V O	Litchfield	41	45	73	12	800	3	0	Jan'50	Dec'52	R	Average temp.
W S												
V O	New Hartford	42	02	73	04	800	3	2x	Aug'86			Temp.wind.clds.rain.bar.
W S	Norfolk	42	00	73	10	1300	2	3	Dec'84	Feb'87		Temp.rain.
V O	North Colebrook	42	06	73	06	1300	3	0x	Oct'84	Nov'87		Temp.wind.clds.rain.bar.
V O	Plymouth	41	40	73	04		2	0	Jan'82	May'84		Sm.Col.temp.rain.
V O	Salisbury	41	58	73	13	737	11	0	Jan'44	Dec'54		Sm.Col.temp.rain.
V O	Sharon	41	50	73	30	200	20	11x	Jan'16	Dec'36	R	Sm.Col.temp.
V O	Warren Centre	41	44	73	20		1	0	Jan'49	Dec'49	R	Sm.Col.temp.
V O	West Cornwall	41	50	73	21	100	1	0	Jan'54	Dec'54		Sm.Col.temp.rain.
	HARTFORD											
V O	Avon	41	48	72	50	242	4	6	Jul'60	Dec'64		Sm.Col.Temp.wind.rain.bar.
V O	Canton	41	52	72	55		16	0	Jan'58	Dec'73		Sm.Col.temp.rain.
V O	"						15	6x	Jan'74			Temp.rain.
W S	"						4	0	Jan'36			Temp.rain.
W S	Collinsville	41	48	72	55		2	2x	Feb'85	Apl'87		Temp.rain.
V O	Farmington (6 mi.S of)	41	43	72	51	204	3	10	May'38	Apl'41	R	Sm.Col.monthly average temp.
V O	"						3	0	Jan'87		R	Temp.
V O	Hartford	41	45	72	40	36	19	2x	Oct'06	Nov'73		Sm.Col.temp.rain.
V O	"						16	7x	Dec'73			Temp.wind.clds.rain.hum.
W S	New Britain	41	40	72	46	179	0	10x	Aug'88		T	Rain.
V O	Southington	41	35	72	51	294	4	0	Jan'70	Dec'73		Sm.Col.temp.rain.
V O	"						16	0	Jan'74			Temp.wind.clds.rain.
W S	South Manchester	41	45	72	31		0	8	May 89		T	Rain.
V O	Suffield	41	58	72	40		0	10	Feb'73	Nov'73	R	Sm.Col.temp.
V O	"						0	5	Jan'74	May 74		Temp.wind.clds.rain.
V O	West Hartford	41	45	72	45		2	0	Jan'70	Dec'71	T	Sm.Col.Rain.
W S	"						0	8	Apl'86	Feb'88		Temp.rain.
W S	West Simsbury	41	53	72	52	167	1	0x	Aug'88		T	Rain.

X Record broken.

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		°	′	°	′							
	TOLLAND											
V O	Columbia	41	40	72	42		16	5x	Dec'56	Nov'73		Sm.Col.temp.rain.
V O	"						2	3x	Dec'73	Feb'76		Temp.wind.clds.rain.
W S	Mansfield	41	45	72	14		1	7	Jan'88			Temp.rain.
	WINDHAM											
V O	Goshen	41	48	72	07	561	22	0	Jan'29	Dec'50	R	Sm.Col.temp.
W S	North Woodstock	42	00	72	00		0	9x	Sep'88		T	Rain.
V O	Pomfret	41	54	71	58		15	3	Jan'54	Mar'69		Sm.Col.temp.rain.
W S	"						0	8x	Aug'88	Aug'89	T	Rain.
V O	Thompson	41	58	71	52	483	19	8x	Jan'52	Nov'73	R	Sm.Col.Temp.
V O	"						9	0x	Dec'73	Sep'83	R	Temp.
W S	"						3	10x	Jan'86		R	Temp.
	FAIRFIELD											
V O	Bethel (Elmwood)	41	22	73	22		4	3	Jan'63	Mar'67	T	Wind.clds.rain.
V O	Brookfield	41	27	73	24	100	2	3	Oct'68	Dec'70		Sm.Col.temp.rain.
V O	North Greenwich	41	04	73	40	300	2	11x	Dec'70	Nov'73		Sm.Col.temp.rain.(Quaker Ridge,Round Hill)
V O	"						0	8	Jan'74	Sep'74		Temp.wind.clds.rain.
W S	Shelton						5	1x	Nov'84			Temp.rain.
	NEW HAVEN											
W S	Birmingham	41	19	73	05		1	1x	Aug'88			Temp.rain.
V O	New Haven	41	18	72	56	45	78	6x	Jul1778	Apl'68		Sm.Col.Temp.rain.
M D	"(Knights)					40	0	9	May 63	Jan'64		Temp.rain.
S S	"					107	17	I	Dec'72			Full observations.
V O	Wallingford	41	27	72	49		16	1x	Apl'56	Dec'73		Sm.Col.temp.rain.
W S	"						7	0	Jan'83		T	Rain.
V O	Waterbury	41	33	73	02	333	5	8	Jan'66	Aug'69		Sm.Col.temp,rain.
W S	"						3	6	Jul'86			Temp.rain.
	MIDDLESEX											
V O	Middletown	41	33	72	39	205	17	6x	Jan'49	Nov'73		Sm.Col.Temp.rain.
V O	"						9	1	Dec'73	Dec'82		Temp.wind.clds.rain.Bar.hyg.
W S	"						5	2	Nov'84			Temp.rain.bar.hyg.
V O	Saybrook(Lynde Point L.H.)	41	16	72	20	10	6	11x	Jan'54	May 61		Sm.Col.Temp.rain.

X Record broken.

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		° ′	° ′							
	NEWCASTLE									
V O	Delaware City	39 34	75 34		0	7x	Mar'66	Mar'67	R	Sm.Col.Temp.
V O	"	39 35	75 33		2	0x	Jan'74	Nov'76		Temp.wind.clds.
V O	Ft.Delaware	39 35	75 34	10	10	9x	Jan'25	May 59		Sm.Col.Temp.rain.
H D	"				8	2x	Jan'62	Sep'70		Temp.hyg.wind.rain.
V O	Kirkwood	39 35	75 41		1	3	Oct'88		R	Temp.
V O	Newark	39 38	75 47	120	2	8x	Jul'47	Feb'58	R	Sm.Col.Temp.
V O	"				0	7	Oct'88	Apl'89		Temp(max-min).rain.
V O	Wilmington	39 44	75 33	115	1	10x	Jan'64	Oct'65		Sm.Col.Temp.rain.
	KENT									
V O	Dover	39 10	75 30	40	3	6	Jul'70	Dec'73		Sm.Col.Temp.rain.
V O	"				7	1x	Jan'74	Jun'81		Temp.wind.clds.rain.
V O	Milford(near)	38 45	75 25	20	5	0x	Dec'57	Dec'73		Sm.Col.Temp.rain.
V O	"				4	5	Jan'74	May 78		Temp.wind.clds.rain.
	SUSSEX									
S S	Cape Henlopen	38 48	75 05		1	9x	Jun'85	Jun'87		Temp(max-min)wind.dir.rain.
S S	Delaware Breakwater	38 48	75 10	20	5	1	Feb'80	Feb'85		Full observations.
V O	Georgetown	38 43	75 22		2	6	Jul'57	Dec'59		Sm.Col.Temp.rain.

List of Stations which have less than one year's record and which are not now in operation.

Station	County
St.Georges	New Castle
Viola	Kent

X Record broken.

[illegible]

[illegible]

[illegible]

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Number and class.	County and station.	Latitude.	Longitude.	Elevation above sea-level.	Record. Length.	Record. From—	Record. To—inclusive.	T. or R. missing.	Remarks.
		° ′	° ′						
	DISTRICT OF COLUMBIA								
V O	Receiving Reservoir				11 Cx	May 77	Feb'89		Temp.rain.
V O	Distributing Reservoir				11 10x	May 77	Feb'89		Temp.rain.
V O	Rock Creek Bridge				11 11x	May 77	Feb'89	R	Temp.
V O	Georgetown	38 55	77 04		3 2x	Dec'59	Feb'63		Sm.Col.Temp.rain.
V O	" or West Washington	38 53	77 02	117	3 5x	May 82	Dec'85		Temp,hyg.wind.clds.rain.
V O	Washington City	38 52	77 03	110	37 1x	Jan'20	Oct'70		Sm.Col.& U.S.Naval Obs'ty. Temp.rain.
S S	"	38 54	77 03	112	19 2	Nov'70			Full observations.
M D	Washington Barracks				0 9	Apl'89			Temp.rain.
V O	Northeast corner of 7 miles from Capitol	38 57	76 56	275	1 0	Sep'57	Aug'58	T	Sm.Col.Rain.
V O	Kendall Green Deaf Mute College)	38 54	77 00	112	3 11x	Apl'78	May 88		Bar.temp.hyg.wind.rain.

X Record broken.

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		°	′	°	′							
	ESCAMBIA.											
V O	Pensacola	30	25	87	13	56	3	5	Aug'49	Dec'52	T	Average Rainfall. Sm.Col.
S S	"						11	0	Oct'79			2d Order.
M D	Ft.Barrancas	30	21	87	18	20	22	4x	Jan'22	Jun'74		Temp.-Rain from July'42.Sm.Col.
M D	" "						1	0	Jan'80	Dec'60		Temp.,Hyg.,Wind,Weather,Rain.
M D	" "						9	7x	Jan'73			Bar.,Temp.(max.min.),Wind,Clds. Rain(Hyg. from Jan'73 to May '75).
V O	Warrington	30	21	87	17	12	4	3x	Jan'54	Dec'59	T	(Navy Yard). Sm. Col.
V O	"						5	3	Oct'49	Dec'54	R	Average monthly Temp. Sm.Col.
	SANTA ROSA.											
V O	Milton	30	36	87	03	50	3	1x	Feb'76	Jul'79	R	Smithsonian Collection.
V O	"						2	7	Feb'76	Aug'78		Temp.,Clds,Wind,Rain.
	WASHINGTON.											
V O	Orange Hill	30	30	85	30	148	2	8	May'53	Dec'55		Also known as Knox Hill.Sm.Col.
	JACKSON.											
V O	Springfield	30	48	85	16		1	2x	May'72	Jan'74	R	Also known as Cedar Hill.Sm.C.
V O	"							8	Jan'74	Aug'74	R	Temp.,Clouds,Wind.
	GADSDEN.											
V O	Chattahoochee	30	42	84	50		1	1x	May'69	Sep'70		(Arsenal).Temp. for only 4 months. Sm. Col.
	L E O N.											
V O	Tallahassee	30	27	84	16	200		1	May'72		T	Smithsonian Collection.
V O	"						5	5x	Mar'83			Bar.,Temp.,Wind,Clouds,Rain.
V O	Belair	30	24	84	20	70	3	10x	Nov'53	May'61	R	Smithsonian Collection.
	WAKULLA.											
S S	St.Marks	30	10	84	12	15	5	0	Nov'74	Oct'79		2d Order.
V O	Newport	30	10	84	15	18	2	10x	May'70	Dec'73		Smithsonian Collection.
V O	"						4	6x	Jan'74	Mar'85		Temp.,Wind,Clouds,Rain.
	JEFFERSON.											
V O	Fort Gamble	30	05	84	00	50	2	3x	Jan'40	Dec'42	R	Smithsonian Collection.
V O	Fort Pleasant	30	05	84	00		1	7	Jul'41	Dec'42	R	" "
	MADISON.											
V O	Madison	30	30	83	25			3	Oct'89			Temp. & Rain.

X Record broken.

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	SUWANEE.									
C R	Live Oak	30° 16	82° 59		4	0x	Sep'81			
V O	Houston	30 12	82 58		4	0	Nov'77	Oct'81	R	Bar. & Temp.
V O	Welborn	30 11	82 53	200	3	4x	Apl'71	Dec'74		Smithsonian Collection.
V O	"				3	8x	Jan'74	Oct'77		Temp.& Rain. Bar.from Jan'77.
	COLUMBIA.									
V O	Lake City	30 12	82 37	174	4	0x	Jan'57	Jan'60		Rain from Dec'57. Sm.Col.
S S	" "	30 13	82 40	213	4	0	Nov'70	Oct'74		2d Order.
V O	" "					8	Mar'89			Temp. & Rain.
	NASSAU.									
M D	Fernandina	30 40	81 28	25	1	0x	Jun'63	Jul'64		Temp.,Hyg.,Wind,Rain.
V O	"					5	Mar'67	Jul'67		Smithsonian Collection.
C R	"				2	8	Apl'82	Oct'83		
	D U V A L.									
V O	Fort George Id.	30 26	81 27	10	2	10x	Jan'74	No'77		Temp. & Rain.
V O	" " "				2	0	Jan'72	Dec'73		Smithsonian Collection.
V O	Mayport	30 24	81 25	15	1	0	Dec'73	Dec'74		(Jan'74 missing) Sm.Col.
V O	"				11	9	Feb'74	Oct'85		Temp.,Wind,Clds.Rain. (Feb'85 missing).
V O	Jacksonville	30 20	81 39	14	16	10x	Jan'38	Feb'72		Temp. fairly complete from Jan. '54,previous to that date,very much broken. Rain from Jun'51, and broken. Sm. Col.
S S	Jacksonville			43	18	4	Sep'71			2d Order Station.
	BRADFORD.									
V O	Fort Heileman	29 48	82 05	25	2	7x	Jan'38	May'41	R	Smithsonian Collection.
	ALACHUA.									
V O	Gordon	29 52	82 21		1	2x	Jun'63	Jan'68	R	Smithsonian Collection.
C R	Waldo	29 46	82 10		2	8x	Apl'82	Oct'83		
V O	Ft.Fanning	29 35	82 56	50	2	4	Oct'40	Jan'43	R	Smithsonian Collection.
V O	Gainesville	29 38	82 16	130	4	9x	Feb'56	Feb'61		Smithsonian Collection.
V O	Archer	29 30	82 30		6	7	Jun'83			Temp.(max.min.),Wind,Rain.
V O	Micanopy	29 30	82 15	78	3	10	Jun'58	Mar'62		Temp.to Dec'60. Sm. Col.
V O	Fort Micanopy				4	5	Jul'38	Dec'42	R	(Oct'39 missing). Sm.Col.
	PUTNAM.									
V O	Fairview	29 36	81 37	152	2	9x	Feb'69	Feb'72	R	(Near Palatka).
V O	Fort Shannon	29 34	81 39	25	4	5x	Jan'38	Jan'50	R	(Palatka). Sm. Col.

X Record broken.

													SUMMER.
R	Live Oak	30	18	82	78			4	0x	Sep'31			
0	Houston	30	12	82	96			4	0	Nov'77	Oct'81	R	Bar. & Temp.
0	Waldorm	30	11	82	95	300	I	4x	Apl'71	Dec'71			Smithsonian Collection.
0	"							3	3x	Jan'74	Oct'77		Temp. & Rain. Bar. from Jan'77.
													COLUMBIA.
0	Lake City	30	12	82	37	174		4	0x	Jan'87	Jan'90		Rain from Dec'77. Sm. Col.
3	" "	30	10	82	40	118		1	0	Nov'70	Oct'74		24 Orders.
0	" "							8		Mar'88			Temp. & Rain.
													MARIAN.
D	Fernandina	30	40	81	28	26		1	0x	Jan'85	Jul'84		Temp., Hum., Wind, Rain.
0	"							8		Mar'87	Jul'97		Smithsonian Collection.
R	"							2	3	Apl'82	Oct'83		
													D U V A L.
0	Fort George Is.	30	16	81	27	10		2	10x	Jan'74	Mo'77		Temp. & Rain.
0	" " "							2	0	Jan'72	Dec'72		Smithsonian Collection.
0	Mayport	30	24	81	25	15		1	0	Dec'73	Dec'74		(Jan'74 missing) Sm. Col.
0	"							11	3	Feb'74	Oct'82		Temp., Hum., Clds., Rain. (Feb'83 missing).
0	Jacksonville	30	20	81	40	14	16	10x	Jan'38	Feb'72			Temp. Early complete from Jan. '74, previous to that late, very much broken. Rain from Jan.'11, and broken. Sm. Col.
3	Jacksonville							46	18	-	Sep'71		11 order stations.
													BRUNSWICK.
0	Fort Pilcoman	31	46	82	06	25	2	7x	Jan'38	May'41		R	Smithsonian Collection.
													ALACHUA.
0	Gainesville	30	51	82	21			1	2x	Jun'00	Jan'22	R	Smithsonian Collection.
3	Lake	30	48	82	10			2	8x	Apl'82	Oct'83		
0	Ft. Fanning	30	47	82	35	30	2	4	Oct'83	Jan'84		R	Smithsonian Collection.
0	Gainesville	30	38	82	18	130	4	2x	Feb'86	Feb'88			Smithsonian Collection.
0	Archer	29	30	82	10		0	7	Jun'88				Temp. (Jan.-Feb.), Wind, Rain.
0	Hampton	30	30	82	13	78	2	10	Jan'08	Mar'10			Temp. 11 Feb'70. Sm. Col.
0	Fort Alachua							5	Jul'38	Dec'42			(Oct'38 missing). Sm. Col.
													PUTNAM.
0	Palatka	30	41	81	37	175	2	2x	Feb'38	Feb'71		R	(Nov. Malaria).
0	Fort Shannon	30	[illegible]	81	35	25	4	4x	Jan'38	Jan'00		R	(Malaria). Sm. Col.

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	St. JOHNS.								
V O	St.Augustine	29° 54	81° 18	25	25 11x	Oct'24	Nov'71		(Ft.Marion) Rainfall from '44 Smithsonian Collection.
M D	" "				1 2x	Jan'64	May'66		Temp.,Hyg.,Wind,Rain.
M D	" "				13 7	Jun'76			(St.Francis Barracks). Bar., Temp.,Wind,Clds.,Rain.Hyg.from Jan'86.
V O	Picolata	29 48	81 30		2 4x	Sep'40	Dec'72		Rain for 1872 only. Sm.Col.
V O	Matanzas	29 37	81 15		1 7	Aug'88			Temp.,Hyg.,Wind,Rain.
V O	Duke	29 27	81 10		1 8	Nov'86	Jun'88		(Also known as Mala Compra) . Temp.(max.min.)Hyg,Wind,Clds.R.
	LEVY								
V O	Ft.Wacassassa	29 30	82 45	45	2 3	Oct'40	Dec'42	R	Smithsonian Collection.
V O	Cedar Keys	29 08	83 02	22	8 9	Jul'40	Mar'61		Temp.complete,Rain broken.Sm.C.
S S	" "				10 2	Nov'79			2d Order Station.
V O	Gulf Hammock	29 15	82 44	40	2 3	Apl'78	Jun'80		Temp.,Weather,Clds.,Rain.
	MARION								
V O	Ocala	29 11	82 09		2 2x	Jan'69	Nov'71	R	Smithsonian Collection.
V O	"				2	Nov'89			Temp. & Rain.
V O	Fort Russell	29 15	82 15	50	1 10x	Jul'38	Jun'42	R	Combined with records from Forts Harley & Wheelock.Sm.Col.
V O	Fort King	29 10	82 10	50	6 1x	Oct'32	Feb'43	R	Smithsonian Collection.
	VOLUSA.								
V O	Seville	29 17	81 28		1 0	Jan'59	Dec'59	R	Smithsonian Collection.
V O	Daytonia	29 12	81 01	10	2 3	Oct'71	Dec'73		Smithsonian Collection.
V O	"				7 0	Jan'74	Feb'81		Temp.,Wind,Clouds,Rain. June & Oct'80 missing.
V O	Port Orange	29 09	81 00		2 10x	Jan'67	Apl'70	R	Smithsonian Collection.
V O	New Smyrna	29 01	80 58	20	4 8x	Jan'40	Mar'41	R	Smithsonian Collection.
V O	" "				1 9x	Jan'53	Nov'73		" "
V O	" "				2 10x	Apl'74	Nov'77		Temp.(Rain for 7 months).
V O	Fort Mellon	29 01	81 00		11	May'41	Mar'42	R	(Near New Smyrna) Sm. Col.
V O	Mosquito Inlet	29 12	81 02		1 3	Jul'70	Sep'71		(Obs.12 miles N.W.) Sm.Col.
	LAKE.								
V O	Okahumpka	28 41	81 53		3 9	Oct'76	Jun'80	R	Temp.,Wind,Clouds.
V O	Villa City	28 23	81 50		1 0	Jan'89			

X Record broken.

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	ORANGE.	°	′	°	′							
S S	Sanford	28	48	81	23	25	4	6	Jan'83	Jun'87		2d Order Station.
V O	Altamonte Spg's	28	40	81	17		1	11	Jan'88			Temp.(max.min.)Humidity,Rain.
	BREVARD.											
S S	Titusville	28	34	80	51	44	2	7	Jun'87			2d Order Station.
V O	Merrit's Island	28	18	80	41	22	4	7	Jun'85			Also known as Georgiana. Temp. (max.min.)Wind,Clds.,Rain. In a great many instances,only monthly summaries rendered .
S S	Micco	27	53	80	33		1	4	Sep'88			3d Order Station.
V O	Fort Pierce	27	30	80	20	30	8	4x	Jan'40	May'58		Also known as Fort Caprow. Rain from March'52. Sm. Col.
	HILLSBOROUGH.											
V O	Fort Brook.	28	00	82	28	20	26	11x	Jan'25	Jul'69	R	Smithsonian Collection.
V O	" "						19	9x	Jan'40	Dec'73	T	" "
V O	" "						1	6	Jun'81	Nov'82		Bar.,Temp.(max.)Hyg.,Wind,Clds. Rain.Min.Temp.from Oct'81.
V O	" "							3	May'69	Jul'69		Bar.,Temp.,Hyg.,Wind,Rain.
V O	Tampa	27	57	82	27		2	6x	Apl'71	Dec'73		Smithsonian Collection.
V O	Limona	27	57	82	16		5	3	Apl'83	Jun'83		Temp.(max.min.)Wind,Clds,Rain.
	POLK.											
V O	Homeland	27	48	81	50	120	3	0	Jan'87			Temp.& Rain.
V O	Fort Meade	27	46	81	50		3	7	May'51	Nov'54		Smithsonian Collection.
V O	" "						4	3	Oct'85			Bar.,Temp.,Wind,Clds,Weather,R.
	OSCEOLA.											
V O	Kissimmee	28	18	81	25		1	2	Nov'88			Temp.(max.min.)Rain.
	MANATEE.											
V O	Manatee	27	27	82	35	16	1	7	Jan'69	Jul'70		Smithsonian Collection.
V O	"						5	5	Aug'84			Temp.,Wind,Weather,Clds.Rain.
	L E E .											
V O	Fort Myer	26	38	81	46	50	7	3	Jan'51	Jun'58		Smithsonian Collection.
V O	Alva (Hama).	26	45	81	33	15	3	7	Jun'83			Temp.(max.min.),Wind,Weather,R.
V O	Ft.Deynand	26	44	81	30		2	5x	Feb'55	Apl'58		Smithsonian Collection.
S S	Punta Rassa	26	30	82	14	14	11	11	Aug'71	Jun'83		2d Order Station.

X Record broken.

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		° ′	° ′						
	DADE.								
S S	Jupiter	26 57	80 07	28	2 0	Jan'88			2d Order Station.
V O	Hypoluxo	26 30	80 01		1	Dec'89			Temp. & Rain.
V O	Biscayne	25 53	80 07	12	1 10x	Oct'70	Nov'74		Smithsonian Collection.
V O	"				5 8x	Mar'74	Mar'80		Temp.,Clds.,Wind,Rain.
V O	Fort Dallas	25 48	80 13	20	7 1x	Feb'39	May'58		Rain from Jan'55. Sm. Col.
	MONROE.								
V O	Indian Key	24 53	80 41	10	1 0	Jan'36	Dec'37	T	(Also annual max.& min. Temp. for 1836 and '37. Sm. Col.
V O	Ft. Jefferson	24 38	82 52	11	1 11	Jan'72	Nov'73		(Dry Tortugas).Sm.Col.
M D	" "				10 11x	Feb'61	Dec'71		Temp.,Hyg.,Wind,Weather,Rain. Max.& min.Temp.,from Jan'70.
V O	Key West	24 33	81 49	10	28 11	Jan'30	Jun'74		Smithsonian Collection.
M D	" "				10 7	Jan'60	Dec'75		Temp.,Hyg.,Wind,Weather,Rain. Max.& min.Temp. from Jan'74.
S S	" "			22	19 2	Nov'70			2d Order Station.

V O	Ft.Henderson	30 51	82 09	25	1 0x	Oct'88	Dec'89	R	The position as given evidently incorrect.

X Record broken.

The position as given evidently incorrect.

Fragmentary records of less than a year in length are on file from the Following Stations:

F L O R I D A.

-:-:-:

Tentative periods of land plus a year in length are in size from the

STATEWIDE CAMPAIGN:

F L O R I D A.

Fort Smith	Sebastian County.
Fort Smith	Sebastian County
Fort Smith	Sebastian County
Fort Smith	Sebastian County.
Eureka	Clay County.
Orlando	Orange County.
Orange City	Volusia County.
Jacksonville	Duval County.
Cross Bridge	Hamilton Co.Ga.

Hydrologic Cycle Stations of the Upper Tennessee Basin observations of
water, air stations temperature and rainfall daily from April to October inclusive of
each year.

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		° ′	° ′						
	WALKER.								
V O	Lafayette	34 43	85 26	1112	1 6	Sep'71	Feb'73		Smithsonian Collection.
	WHITFIELD.								
V O	Dalton	34 47	84 50	775	3	Jan'61	Mar'61		Smithsonian Collection.
V O	"				1 6	Apl'78	Sep'79		Report, Com'r. of Agl.
C R	"				2 3x	Apl'82	Oct'85		
	GILMER.								
V O	Diamond	34 45	84 15		11	Feb'89			Temp. & Rain.
	UNION.								
V O	Duck	34 53	83 47		1 6	Jul'83	Dec'89		Temp. (max. min.) Rain. Station 7 miles E of Blairsville.
	RABUN.								
V O	Rabun Gap.	34 59	83 22		9 4x	Jun'78	Apl'88		Report, Com'r. of Agl.
	GORDON.								
C R	Calhoun	34 30	84 55	657	1 2x	Apl'82	Oct'83		
	LUMPKIN.								
V O	Dahlonega	34 32	83 59	2000	4	Apl'74	Jul'74		
V O	"				1 7	Dec'84	Jun'86		Report, Com'r. of Agl.
	WHITE.								
V O	Mossy Creek	34 36	83 45		9 1x	Apl'78	Jul'88		Also known as Leo. Report, Com'r. of Agriculture.
	HABERSHAM.								
V O	Mount Airy	34 35	83 29	1587	4 7x	Apl'78	Jun'86		Record complete to July'82. Report, Com'r. of Agl.
V O	Toccoa	34 37	83 21	665	1 5x	Jan'79	Aug'80		Report, Com'r. of Agl.
C R	"				5 0x	Apl'82			
	FLOYD.								
V O	Rome	34 16	85 08	627	10 3	Apl'78	Aug'88		Report, Com'r. of Agl.
	BARTOW.								
C R	Cartersville	34 10	84 45	760	4 6x	Apl'82			
	CHEROKEE.								
V O	Canton	34 15	84 29	894	2 3x	Apl'78	Dec'81		Report, Com'r. of Agl.
	HALL								
V O	Wolley's Ford	34 21	83 54		10	Apl'89			Temp. & Rain.

X Record broken.

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	HALL.								
V O	Gainesville	34° 16	83° 47	1227	11x	Feb'72	Nov'73		Smithsonian Collection.
V O	"				6 10x	Mar'74	Dec'80		Temp., Wind, Clds., Rain.
V O	"				4 6x	Jan'83	Apl'88		Report, Com'r. of Agl.
C R	"				4 6x	Apl'82			
V O	Gillsville	34 13	83 56	1052	6	Jul'89			Temp. & Rain.
	COBB.								
V O	Marietta	33 58	84 30	1133	1 9x	Jan'85	May'87		Report, Com'r. of Agl.
V O	"				1 10x	Jan'88			Temp. (max. min.) Wind, Rain.
	CLARK.								
V O	Athens	33 58	83 23	694	4 0	Jan'45	Jun'49	T	Blodget's Climatology.
V O	"				2 11x	Mar'57	Oct'73		Smithsonian Collection.
V O	"				4 10x	Apl'78	Dec'84		Report, Com'r. of Agl.
C R	"				4 7x	Apl'82			
V O	"				5 9	Apl'84			Bar., Temp. (max. min.), Hygrometer Wind, Clouds, Weather, Rain.
	OGLETHORPE.								
V O	Point Peter	33 57	82 59		8	May'89			Temp. & Rain.
	FULTON.								
V O	Atlanta	33 45	84 23	1050	7 1x	Jan'59	Nov'73		Smithsonian Collection.
V O	"			1090	3 4	Nov'73	Feb'77		Bar., Temp., Hyg, Wind, Clds., Rain.
M D	"				10 10	Jan'71	Oct;81		(McPherson Barracks). Temp. (max. min.), Hygrometer, Wind, Clds. R.
M D	"				7	Jun'89			(McPherson Barracks). Max. & min. Temp., & Rain.
M D	"				4	Aug'83	Nov'83		(Camp Mitchell). Bar., Temp. (max. min.) Wind, Clds., Weather, Rain.
S S	"			1139	11 4	Sep'78			2d Order Station.
	WILKES.								
C R	Washington	33 42	82 44		4 0x	May'84			
	CARROLL.								
V O	Carrollton	33 36	85 04		8 1x	Apl'78	Feb'88		Report, Com'r. of Agl.
	NEWTON.								
V O	Oxford	33 38	83 50		6 5x	Apl'78	Apl'85		Report, Com'r. of Agl.
C R	Covington	33 37	83 49	748	1 4x	Apl'82	Sep'84		
	MORGAN.								
C R	Madison	33 34	83 27	681	1 4x	Apl'82	May'85		

X Record broken.

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	GREENE.									
V O	Penfield	33° 38	83° 09		2	0	Jan'69	Dec'70		Smithsonian Collection.
C R	Union Point	33 35	33 03	658	4	0x	Apl'82			
	COWETA.									
C R	Newnan	33 23	84 45	959	4	6x	Apl'82			
	SPALDING.									
V O	Griffin	33 15	84 15	975		1	Apl'51		R	Smithsonian Collection.
V O	"				1	2x	Apl'78	Aug'79		Report, Com'r. of Agl.
C R	"				4	6x	Apl'82			
	JASPER.									
V O	Monticello	33 16	83 40			5	Oct'89			Temp. & Rain.
	HANCOCK.									
V O	Sparta	33 15	82 54	537	8	0x	Mar'52	Apl'61		Temp. from Jan'54. Report. Com. Agl.
	WARREN.									
V O	Camak	33 27	82 36	592	3	2x	Jun'84			Smithsonian Collection.
	McDuffie.									
V O	Thompson	33 29	82 25	517		6	Dec'58	May'59	T	Smithsonian Collection.
V O	"				9	9x	Apl'78	May'88	R	Report, Com'r. of Agl.
	RICHMOND.									
V O	Augusta	33 28	81 54	134	22	0x	Jan'26	Jul'68		(Arsenal). Rain from May'44 but badly broken. Sm. Col.
M D	"				7	11	Jan'69	Nov'76		(Arsenal). Temp., Wind, Clouds, Rain.-Max. & min. Temp. from Jan'72
S S	"			183	19	2	Nov'70			2d Order Station.
V O	Hephzibah	33 16	82 00		1	4	Sep'88			Temp., Wind, Rain.
	TROUP.									
V O	La Grange	33 02	85 01	742		1	Jan'55			Smithsonian Collection.
V O	" "				10	2x	Apl'78	Aug'88		Report, Com'r. of Agl.
C R	West Point	32 54	85 10	584	4	6x	Apl'82			
	PIKE.									
V O	Zebulon	33 07	84 20		2	9x	Jan'56	Mar'59	R	Smithsonian Collection.
V O	The Rock	32 58	84 14	833	3	5x	May'39	Oct'42	R	Smithsonian Collection.
V O	Thomaston	32 53	84 19	750	5	4x	Jan'54	Dec'59		Rain from June'56 (During 1857 the observations were made at The Rock about 7 miles N.E. of Thomaston.) Sm. Col.
	MONROE.									
V O	Cabaniss	33 15	83 50		1	6x	May'72	Dec'73		Smithsonian Collection.
V O					1	7x	Jan'74	Sep'75		Temp., Wind, Clds., Rain.

x Record broken.

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	MONROE-con.								
V O	Forsyth (near)	33° 00	83° 55	735	16 0	Jan'74			Temp., Wind, Clouds, Rain. Bar. from Jan'81 and max. & min. Temp from Jan'84.
V O	Culloden	32 51	84 06	696	1 9	Oct'52	Jun'54		Temp. for only 6 months. Sm. Col.
	B I B B.								
V O	Macon	32 50	83 38	334	3 10x	Sep'65	Dec'74		Temp. from Dec'68 but broken. Smithsonian Collection.
V O	"				2 7x	Oct'74	Feb'78		Temp", Wind, Clouds, Rain.--For Nov'77, Bar. & Hygrometer.
V O	"				4 2x	Apl'78	Jun'82		Report, Com'r. of Agl.
C R	"				4 2x	Apl'82			
	BALDWIN.								
V O	Milledgeville	33 05	83 14	310	3	Oct'43	Dec'43		Smithsonian Collection.
V O	"				6	Apl'78	Sep'78		Report, Com'r. of Agl.
V O	"				5 11	Feb'84			Temp. (max. min.), Weather, Rain.
	WASHINGTON.								
V O	Sandersville	32 58	82 48	495	1 3	Jan'72	Mar'73		Smithsonian Collection.
V O	"				3 2x	Apl'78	Nov'86		Report, Com'r. of Agl.
	BURKE.								
V O	Waynesborough	33 10	81 55		1	Apl'78			Report, Com'r. of Agl.
C R	"				3 1x	Jun'84			
	HARRIS.								
V O	Ellerslie	32 37	84 47		5 10x	May'78	Feb'86		(Lookout Mountain). Com'r. of Agl
	MUSCOGEE.								
V O	Columbus	32 29	84 59	262	1	Apl'70		R	Smithsonian Collection.
V O	"				10x	Apl'78	Jun'85		Report, Com'r. of Agl.
C R	"				4 0x	Apl'82			
	HOUSTON.								
V O	Fort Valley	32 34	83 53	530	2 2x	Jan'85	Nov'87		Report, Com'r. of Agl.
V O	Perry	32 28	83 43		2 3	Apl'51	Jul'53		Smithsonian Collection.
	"	"	"	"	- 2	Oct'89	- -		- -
	EMANUEL.								
V O	Swainsborough	32 38	82 23		3 9	May'78	Feb'82		Report, Com'r. of Agl.
V O	"				2	Oct'89	Nov'89		Temp. & Rain.
	SCREVEN.								
C R	Millen	32 45	81 53	158	4 2x	Apl'82			
V O	Ogeeche	32 33	81 38	106	2 11x	Apl'78	Apl'82		Report, Com'r. of Agl.

X Record broken.

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	SUMTER.								
V O	Andersonville	32° 12	84° 08	396	2 8x	Sep'83			Temp.,Wind,Weather,Rain.
V O	Americus	32 03	84 14	362	5	May'76	Sep'76	T	
V O	"				7 4x	Apl'78	Jul'86		Report,Com'r.of Agl.
	DODGE.								
C R	Eastman	32 10	82 08	362	4 5x	Apl'82			
V O	Chauncey	32 05	83 03	303	2 9x	Sep'80	May'88		Report,Com'r.of Agl.
	TELFAIR.								
V O	McRae	32 03	82 55	148	1 7x	Apl'78	Jul'80		Report,Com'r.of Agl.
	CHATHAM.								
V O	Savannah	32 05	81 05	71	10	Jan'19	Oct'19	R	Smithsonian Collection.
V O	"				2 0	Jun'32	May'34	R	" "
V O	"				13 5	Aug'36	Oct'59		" "
S S	"			87	19 0	Jan'71			2d Order Station.
M D	"			40	8 1x	Jan'32	Dec'50		(Oglethorpe Barracks).Sm.Col.
M D	"				11 6	Sep'66	Mar'79		Temp.,Hyg.,Wind,Weather,Rain. Max.& min.Temp.from Jan'74.
V O	Whitemarsh Id.	32 03	81 02	20	11 5x	Sep'49	Apl'61		Smithsonian Collection.
S S	Tybee Island	32 00	80 52	29	4 7	Jul'74	Jan'79		2d Order Station.
	RANDOLPH.								
V O	Cuthbert	31 44	84 50	448	3	Jun'60	Aug'60		Smithsonian Collection.
V O	"				5 6x	Mar'79	Nov'85		Report,Com'r.of Agl.
	L E E.								
C R	Smithville	31 53	84 15	334	4 1x	Apl'82			
	APPLING.								
V O	Baxley	31 44	82 23	210	1 5x	Apl'78	Sep'79		Report,Com'r.of Agl.
	LIBERTY.								
V O	Walthourville	31 44	81 33		8 3x	Apl'73	Aug'83		Report,Com'r.of Agl.
	CLAY.								
C R	Fort Gaines	31 37	85 01	100	4 1x	Apl'82			
	DOUGHERTY.								
V O	Albany	31 36	84 10	232	7x	Apl'78	May'79		Report,Com'r.of Agl.
C R	"				4 3x	Apl'82			
	WAYNE.								
C R	Jessup	31 32	81 53	100	4 3x	Apl'82			
	MITCHELL.								
V O	Camilla	31 15	84 15		3	Oct'89			Temp.& Rain.

X Record broken.

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		°	′	°	′							
	BERRIEN.											
C R	Allapaha	31	27	83	18		4	2x	Apl'82			
V O	Nashville	31	15	83	19		8	11x	Apl'78	Jun'88		Report, Com'r. of Agl.
	WARE.											
C R	Way Cross	31	15	82	22	100	4	0x	Apl'82			
	PIERCE.											
V O	Blackshear	31	18	82	18		3	4x	Apl'78	Dec'81		Report, Com'r. of Agl.
	GLYNN.											
V O	Brunswick	31	10	81	27	14	1	0	Jun'38	May'39	R	Smithsonian Collection.
V O	"						8	6x	Apl'78	Oct'86		Report, Com'r. of Agl.
	DECATUR.											
V O	Bainbridge	30	55	84	38			9x	May'78	Sep'79		Report, Com'r. of Agl.
C R	"						4	1x	Apl'82			
	THOMAS.											
V O	Thomasville	30	53	84	01		3	10x	Apl'78	Apl'82		Report, Com'r. of Agl.
C R	"						4	6x	Apl'82			
V O	"						2	11x	Aug'78	Feb'82		Bar., Hyg., Temp., Clds., Wind, R.
V O	"						1	2x	Jun'88			Temp. (max. min.), Rain.
	BROOKS.											
V O	Quitman (near)	30	45	83	39		3	0	Dec'70	Dec'73		Smithsonian Collection.
V O	"						15	5	Jan'74			Observations confined to Temp. and Rainfall (Temp. broken), occasionally gives clouds & Weather.
C R	Quitman	30	49	83	35		4	1x	Apl'82			
	CLINCH.											
V O	DuPont	31	01	82	53		1	5	Apl'78	Aug'79		Report, Com'r. of Agl.
	CHARLTON.											
V O	South Bend	30	20	82	05		1	10x	Dec'71	Dec'73		Smithsonian Collection.
	CAMDEN.											
V O	Berne	30	50	81	50	25	4	6	Jun'69	Nov'73		Rain broken. Sm. Col,
V O	St. Mary's	30	44	81	34	15	4	6x	May'70	Dec'74		Smithsonian Collection.
V O	"					25	5	5	Dec'73	Apl'79		Temp., Wind, Clouds, Rain. Barometer from Jan. 1877.

X Record broken.

Fragmentary records of less than a year in length are on file from the Following Stations:

G E O R G I A.

Station.	County	Station	County	Station	County
Americus	Sumter	Dalton	Whitefield	Jointer's Id.	Glynn
Antioch	Troup	Erastus	Banks	Lake	Polk
Blakely	Early	Factory Mills	Douglas	Louisville	Jefferson
Blairsville	Union	Fairburn	Campbell	Marshallville	Macon
Butler	Taylor	Ft. Pulaski	Chatham	Oak Grove	Quitman
Boston	Thomas	Fegin	Houston	Powelton	Hancock
Braddock's Point	?	Greensborough	Greene	Richmond Hill	Richmond
Catawba	?	Greenville	Meriwether	Scansborough	?
Catoosa Springs	Catoosa	Harmony Grove	Jefferson	Summerville	Richmond
Cochran	Pulaski	Herndon	Burke	Trenton	Dade
Clarksville	Haversham	Hawkinsville	Pulaski	Trader's Hill	Charleton
Dublin	Laurens	Hillsborough	Jasper	Talbotton Woodbury	Talbot Meriwether

Note: Cotton-region Stations of the Signal Service take observations of maximum and minimum temperature and rainfall from April to October inclusive of each year.

Transcribed from pencil field notes [illegible] in Lincoln and on file from [illegible]

POLITICAL STATISTICS

G E O R G I A.

Station.	County	Station	County	Station	County
[illegible]	Bibb	Tallapoosa	Cherokee	Johnson's Ia.	Glynn
[illegible]	Troup	Atlanta	Lamar	Lake	Fort
[illegible]	[illegible]	Twelve Mile	Douglas	Louisville	Jefferson
[illegible]	Dekalb	Fairburn	Coweta	Macomb	Macon
[illegible]	Troup	Ft. Valley	Chatham	Oak Grove	Quitman
[illegible]	Troup	Lagrange	Houston	Powelton	Hancock
[illegible]		Cartersville	Floyd	Blackwood Mill	Richmond
[illegible]	?	Cornelia	Habersham	Hawkinsville	?
[illegible]		Chamber Grove	Jefferson	Brunswick	Glynn
[illegible]	Fulton	Marietta	Lamar	Trenton	Dade
[illegible]	Jefferson	Jacksonville	Pulaski	Fraker's Mill	Chatham
[illegible]	Jackson	Milledgeville	Baldwin	Talbotton Academy	Lower Horsetailor

[illegible]

[illegible] of the Digital Library. Take observations of weather and climate [illegible] Tom Lewis is Oglethorpe Line. Size of text [illegible].

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		° ′	° ′							
	KOOTENAI									
M D	Fort Coeur d'Alene ✓	47 42	116 38	2198	4	2x	Jan'80			Temp(max-min).rain.(Fort Coeur d'Alene changed to Fort Sherman May '87)
S S	Fort Sherman ✓	47 42	113 38	2198	5	9	Sep'81	Jun'87		Temp(max-min).rain.
V O	Kootenai ✓	48 22	116 30	?	0	4	Aug'89			Temp.rain.
	NEZ PERCES									
M D	Ft.Lapwai ✓	46 18	113 54	2000	13	7	Jan'64	Dec'83		Bar.temp(max-min)wind.rain.hyg.
S S	" ✓				2	8	Mar'81	Oct'85		Temp(max-min)rain.wind.
S S	Lewiston ✓	46 24	117 05	780	6	10	Oct'79	Dec'85		Full observations.
V O	" ✓				3	0	Jan'87			Temp.rain.
	SHOSHONE									
V O	Mullan ✓	47 10	116 0	?	0	1	Nov'89			Temp.rain.
	ADA									
S S	Boise City ✓	43 37	116 0	2750	12	6	Jul'77			Full observations.
M D	Fort Boise	43 34	116 08	2880	18	5x	Feb'64			Temp(max-min).rain.
	ALTURAS									
V O	Era ✓	43 50	113 22	.	0	6	Jul'89			Temp.rain.
	BINGHAM									
S S	Eagle Rock ✓	47 35	116 05	4766	2	6	Dec'80	May'83		Full observations.
V O	Soda Springs ✓	42 33	111 30	5779	0	7	Jun'89			Temp.rain.
	OWYHEE									
M D	Camp Three Forks ✓	42 51	116 54	?	2	0	Jan'68	Dec'69		Temp.rain.wind.
M D	Camp Lyon ✓	43 07	116 55	?	1	0	Oct'67	Sep'68		Temp(max-min).rain.
	CASSIA									
V O	Albion	42 27	113 35	4452	1	4	Sep'84	Dec'85	T	Rain.wind.
	ONEIDA									
M D	Fort Hall ✓	43 05	112 00	4870	6	0x	Jan'71	Dec'80		Temp(max)wind.clds.hyg.

List of Stations having less than one year's record and which are not now in operation.

Station	County
Camp Connor ✓	Oneida
Chelemeta Depot	?
Lembi Agency	Lembi

X Record broken.

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		° ′	° ′							
	STEPHESON.									
W S	Cedarville	42 24	89 36		3	9x	Jan'86	Sep'89		Temp.(max.min.)Wind & Rain.
	WINNEBAGO.									
W S	Durand	42 26	89 19		2	5x	Oct'78	Mar'81		Temp, Wind & Rain.
V O	Rockford	42 15	89 05	732	1	2	Nov'72	Dec'73		Smithsonian Collection.
V O	"				16	0	Jan'74			Bar. Temp. Wind, Clds., & Rain.
V O	Winnebago	42 17	89 12	900	13	7x	Mar'57	Dec'70		Smithsonian Collection.
W S	"				1	9	Apl'88			Temp., Wind & Rain.
	BOONE.									
V O	Belvidere	42 16	88 44	810	3	9x	Jan'68	Mar'72		Smithsonian Collection.
V O	"				4	2x	Jan'75	Mar'81		Temp., Wind, Clds., & Rain.
W S	"				4	3x	Apl'79			Temp.(max.min.) & Rain. (Table of temp.& Rain Jan'68 to Dec. '78--11 yrs. in Data Book).
	MC HENRY.									
V O	Marengo	42 15	88 37		16	10x	Apl'56	Dec'74		Sm. Col.
V O	"				16	0	Jan'74			Temp.Wind, Clds., Rain (Obsevations at Marengo combined with those made at Riley making a table of Rain 1850 to 1887 and Temp.1856 to 1887 incl.).
V O	Woodstock	42 16	88 26		1	0x	Sep'59	Apl'61	R	Smithsonian Collection.
W S	"				1	7x	Dec'86			Temp.(max.min.) Wind & Rain.
V O	"					1	Dec'89			" " "
	LAKE.									
V O	Fremont Centre	42 18	88 06	736	I	3	Jan'57	Mar'58	R	Smithsonian Collection.
W S	Lake Forest	42 21	87 50	593	3	8	May'86			Temp.(max.min.) Wind & Rain.
M D	Fort Sheridan				1	1	Dec'88			Temp.(max.min.) Rain.
V O	Waukegan	42 21	87 55	646		3	Mar'49	May'49	R	Smithsonian Collection.
W S	"				1	4x	Jan'86	May'87		Bar.Temp.Wind, & Rain.
	CARROLL.									
W S	Lanark	42 07	89 51		2	7x	May'87			Temp.(max.min.) Wind & Rain.

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	O G L E.	° ′	° ′							
W S	Mt. Morris	42 03	89 27			9x	May'87	Mar'88		
V O	" "				1	7	Apl'88	Oct'89		
W S	Polo	42 00	89 37			10x	Jul'82	Sep'83		Temp. Wind, & Rain.
V O	"				1	8x	Oct'82	Jun'84		Temp., Wind, Clds., & Rain.
	DE KALB.									
V O	Sandwich	41 31	88 32	690	14	0x	Dec'58	Aug'74		Smithsonian Collection.
V O	"				9	9x	Jan'74			Bar. Temp. (max.min.) Hyg. Wind, Clouds and Rain.
V O	Somonauk	41 31	88 40	680	1	3x	Feb'75	Oct'76		Bar. Temp. Wind, Clds. & Rain.
V O	Sycamore	42 00	88 42	800	5	5x	Apl'84			Temp. (max.min.) Wind & Rain.
V O	"				5	8	May'81	Dec'86		Summary of Temp. & Rain.
	KANE.									
V O	Aurora	41 47	88 08	676	10	1x	Oct'57	Dec'73		Smithsonian Collection.
W S	"				9	0x	Jul'79	Aug'88		Bar. Temp. (max.min.) Wind, Rain.
V O	"					5x	Sep'88		R	Temp. (max.min.).
V O	Batavia	41 52	88 16	633	3	9x	Jan'54	Feb'61		Smithsonian Collection.
V O	Elgin	42 03	88 16	777	4	1x	Jan'58	Jul'62		Smithsonian Collection.
W S	"				3	1x	May'78	Jan'82		Bar. Temp. (max.min.) Wind , Rain.
	DU PAGE.									
V O	Wheaton	41 53	88 05	682	2	8x	Dec'57	Aug'61		Smithsonian Collection.
W S	"				1	5x	Jan'86			
	COOK.									
V O	Chicago	41 52	87 38	715	21	4x	Jul'32	Dec'74		Sm. Col. Obs. made at Fort Dearborn, Jul'32 to Dec'36).
V O	"				1	9x	Jan'74	Nov'75		Temp. Wind, Clds. Rain.
S S	"				19	2	Nov'70			2d Order station.
V O	Evanston	42 03	87 41	644	6	11x	Feb'58	Oct'73		(NW. University) Sm. Col.
S S	"					11	Sep'75	Jul'76		2d Order station.
V O	Monroe	42 08	87 55	600	1	5	'49	'50	R	Mean monthly Temp. Sm. Col.
V O	S. Evanston	42 02	87 41	599	4	9x	Feb'85			Temp. (max.min.) Rain
	WHITESIDE.									
V O	Lyndon	41 43	89 55	540	4	11x	Jul'74	Apl'80		(Como) Temp. Wind, Clds. Rain.
V O	Morrison,	41 46	89 58	670	3	3x	Jun'80	May'84		Temp. Wind, Clds. Rain.
V O	Sterling	41 44	89 56	550	3	3x	Mar'77	Mar'81		" " " "
W S	"				1	5x	Dec'83	Apl'89		Temp. Wind, Rain.

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	LEE.	° ′	° ′						
V O	Alto(Rochelle)	41 45	89 00		5 0x	Jul'66	Jul'71		Temp and 2 mos. of rain. Sm. Col.
W S	Prairieville	41 50	89 38	725	6 6x	Jan'81	Dec'87		Bar. Temp. (max. min.) Wind, Rain.
	KENDALL.								
W S	Oswego	41 40	88 22	670	6	Jul'87	Dec'87		
V O	"				7 11	Jan'80	Nov'87	T	Table of Rainfall.
V O	"				2 0	Jan'83			Temp. Wind & Rain.
	W I L L .								
V O	Joliet	41 32	88 04		8x	Oct'43	Jul'45		Smithsonian Collection.
W S	"				1 11	Dec'86	Oct'88		Temp. (max. min.) Wind & Rain.
V O	Wilton Centre	41 20	87 59	600	1 3	Jul'84	Sep'85		Bar. T. (max. min.) Wind, Cld. Rain.
	ROCK ISLAND.								
V O	Andalusia	41 25	90 45	686	11 10x	Mar'57	Dec'73		(Edington). Sm. Col.
V O	"				2 2	Mar'83	Apl'85		Direction of Wind & Weather.
V O	Ft. Armstrong	41 30	90 40	528	11 6x	Jan'24	Dec'35	R	Smithsonian Collection.
M D	Rock Id. Arsenal	41 32	90 38	528	11 8x	Feb'66			Bar. Temp. (max. min.) Wind, Clds. & Rain. Also, stage of water in river.
W S	Rock Island				8x	Jan'84	Dec'84		
	HENRY.								
V O	Geneseo	41 27	90 06		10 2x	Dec'73	Sep'87		Temp. (max. min.) Wind, Clds and Rain. Table of T & R composed of VO & WS reports to Jan'88, 11 years 6 months.
	BUREAU.								
W S	Neponset	41 20	89 50		1 7x	Jan'86	Sep'87		Temp. (max. min.) Rain.
V O	Pleasant Ridge Nursery....	41 15	89 36	550	10 4x	Aug'63	Dec'74		Post-office Tiskilwa. Temp. & Rain for 2 yr. 4 mos. Sm. Col.
V O	" " "				11x	Jan'74	Dec'74		Temp. Wind, Clds. Rain.
V O	Wyanet (near)	41 30	89 45	750	10 0x	Aug'64	Dec'74		Smithsonian Collection.
V O	"				2 0	Jan'74	Dec'75		Temp. Wind, Clds. Rain.
	LA SALLE.								
V O	Farm Ridge	41 13	88 53	600	1 0	Jan'60	Dec'60	R	Smithsonian Collection.
V O	Ottawa	41 22	88 48	500	16 8x	Jan'54	Dec'70		" "
W S	"				3 4x	Sep'85			Temp. Wind, Rain.
S S	"				2 6	Jun'87		T	Rainfall station.

X Record broken.

													LIE.
0	Altoona(Mehelle)	41	45	89	00			5	Ox	Jul'68	Jul'71		Trp and 2 mos. of rain.Sm.Col.
2	Fort Leaville	41	50	20	38	725		1	Ox	Jan'81	Dec'07		Lar.Temp.(max.min.),wind,Rain.
													KINGALL.
5	Oswego	41	40	38	22	070		5		Jul'87	Dec'07		
0	"							7	11	Jan'80	Nov'87	T	Table of Rainfall.
0	"							2	0	Jan'83			Temp. wind & Rain.
													KILL.
0	Juliet	41	32	88	04			Ex		Oct'45	Jul'45		Smithsonian Collection.
2	"							I	11	Dec'86	Oct'83		Temp.(max.min.) wind & Rain.
0	Milton Centre	41	20	87	55	900	I	5		Jul'84	Sep'85		Lar.T.(max.min.)wind,Cld.Rain.
													ROCK ISLAND.
0	Andalusia	41	25	90	45	595	11	10x		Jar'87	Dec'76		(Edington).Sm. Col.
0	"							2		Mar'83	Apl'85		Direction of Wind & Weather.
0	Ft. Armstrong	41	30	90	40	538	11	3x		Jan'24	Dec'85	R	Smithsonian Collection.
0	Rock Id.Arsenal	41	32	90	38	538	11	8x		Feb'88			Lar.Temp.(max.min.)wind, Clds. & Rain. Also, stage of water in river.
3	Rock Island							8x		Jan'84	Dec'84		
													HENRY.
0	Geneseo	41	27	90	08		10	2x		Dec'72	Sep'87		Temp.(max.min.)Wind,Clds and Rain. Table of T & R compared of VO & WB reports to Jan'93, 11 years 8 months.
													LUDLAM.
2	Napoleet	41	20	89	50		1	7x		Jan'83	Sep'87		Temp.(max.min.) Rain.
0	Pleasant Ridge Nursery....	41	15	30	30	550	10	4x		Aug'02	Dec'74		Post-office Table Temp. & Rain for 2 yr. 4 mos. Sm. Col.
0	" " "							11x		Jan'74	Dec'74		Temp.Wind,Clds.Rain.
0	Wyanet (near)	41	20	89	45	720	10	0x		Aug'84	Dec'74		Smithsonian Collection.
0	"							2	0	Jan'74	Dec'75		Temp. Wind,Clds. Rain.
													LA SALLE.
0	Farm Ridge	41	18	88	32	500	I	0		Jan'70	Dec'60	R	Smithsonian Collection.
0	Ottawa	41	22	88	48	500	10	3x		Jan'74	Dec'70		" "
2	"							2		Apr'90			Temp. Wind, Rain.
2	"							2		Jun'8[illegible]			Partial Rainfall.

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		° ′	° ′							
	MERCER.									
W S	Aledo	41 12	90 45		10	5x	Jun'74	May'89		Temp. Wind & Rain.
	PUTNAM.									
V O	Hennepin	41 22	89 21		3	11	Jan'70	Nov'73		Smithsonian Collection.
V O	"				5	3x	Dec'73	Nov'89		Temp, Wind, Clds. Rain.
W S	"				2	11x	Dec'86			Temp. (max.min.) Wind & Rain.
V O	Magnolia	41 15	89 15	500	1	4x	Nov'66	Aug'68		Smithsonian Collection.
	KANKAKEE.									
W S	Kankakee	41 07	87 05		2	5x	Jan'86	Jul'89		Temp. (max.min.) Wind, Rain.
	HENDERSON.									
V O	Oquawka	40 57	90 58		3	0	Jul'70	Jun'73		Smithsonian Collection.
V O	"					4	Jan'75	Apl'75		Temp. Wind, Clds. Rain.
W S	"				2	8x	Jan'75	Feb'89		Temp. Wind, Rain.
	WARREN.									
W S	Monmouth	40 54	90 39	784	4	6x	Jan'81	Feb'89		Temp. (max.min.) Wind & Rain.
V O	"					3x	Jul'85	Nov'87		Bar. T. (max.min.) Hyg. Wind, Cld. R.
	KNOX.									
V O	Elmore	40 56	90 04	612	4	9x	Sep'64	Dec'71	T	Defective record. Sm. Col.
V O	Galesburg	40 45	90 10	786	11	3x	Jan'61	Jun'72		Smithsonian Collection.
V O	"				1	4	Feb'74	May'75	R	Temp. (max.min.).
W S						2	May'78	Jun'78	T	
W S	Oneida	41 02	90 15		4	10	Mar'85			Temp. Wind, Rain.
V O	"					5x	Jul'89			Temp. Wind, Rain.
	STARK.									
V O	Elmira	41 10	89 49	505	7	9x	May'62	Dec'73		Smithsonian Collection.
V O	"				9	5x	Jan'74	Jul'83		
W S	"					2x	Dec'83	Dec'86		
V O	Osceola	41 12	89 46		1	5	Jan'60	May'61		Smithsonian Collection.
W S	Toulon	41 05	89 52		1	1	Dec'86	Dec'87		Temp. Wind, Rain.
	MARSHALL.									
W S	Lacon	41 01	89 26		2	8	Apl'87			Temp. (max.min.), Wind, Rain.
	PEORIA.									
V O	Orchard Farm	40 36	89 45		4	3	Jan'60	Mar'64		Smithsonian Collection.

X Record broken.

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	PEORIA.	°	′	°	′							
V O	Peoria	40	42	89	36	475	18	9	Feb'55	Nov'73		Smithsonian Collection.
V O	"						15	0x	Dec'73	Sep'89		Bar.T.(max.min.)Hyg.Wind,Clds.R
Riv	"						6	10x	May'82			River observations.Rain for 6 years but broken.
	WOODFORD.											
W S	Minouk	40	55	89	04	660	1	8	Jan'86	Aug'87		Temp. Wind, Rain.
	LIVINGSTON.											
W S	Dwight	41	04	88	26		2	2	Nov'87			Temp.(max.min.)Wind & Rain.
V O	Pontiac	40	54	88	40	600		2	Oct'78	Nov'78		Temp.Wind,Clds.Rain.
W S	"						4	2x	Oct'85			Temp.Wind,Rain.
	FORD.											
W S	Gibson City	40	30	88	30		3	7x	Aug'85			Temp.(max.min.)Wind,Rain.
W S	Melvin	40	35	88	25		2	3	Aug'85	Oct'87		Temp. Wind,Rain.
	IROQUOIS.											
V O	Milford	41	33	88	40		1	0	Jan'54	Dec'54	R	Smithsonian Collection.
W S	Watseka	40	48	87	45	640	4	3	May'85			Temp,Wind,Rain.
	HANCOCK.											
V O	Augusta	40	12	90	57	681	29	11	Aug'33	Dec'73		Also a table of annual mean Temp. and total Rainfall for 38 years,1840 to 1877 incl.Sm.C.
V O	Augusta						6	10x	Dec'73	Oct'80		Temp,Wind,Clds.Rain.
V O	Carthage	40	23	91	17		1	11x	Jan'57			
V O	Warsaw	40	20	91	25		13	5x	May'40	Mar'74		Smithsonian Collection.
V O	"							3	Jan'74	Mar'74		(2 1-2 miles E of.).Temp.Wind, Clouds & Rain.
Riv	"						14	0x	Jul'73			River Obs. Rain for 4 yrs. and 4 months.
	MC DONOUGH.											
W S	Prairie City	40	37	90	25	681	1	8	Jan'81	Aug'82		Temp.Wind & Rain.
	FULTON.											
W S	Canton	40	32	90	02	600	2	2	Aug'80	Sep'82		Bar.T.(max.min.)Wind & Rain.
W S	Fairview	40	38	90	10		1	1x	Dec'86	Mar'88		Rain. Temp.for 3 months.

X Record broken.

														PONTIA.
V	0	Pontia			40	42	89	72	475	18	9	Feb'82	Nov'72	Smithsonian Collection.
V	0	"								15	0x	Dec'72	Sep'89	Bar.T.(max.min.)Hvg.Wind,Clds.
		Liv	"							6	10x	May'82		River observations.Rain for 8 years but broken.
														WOODFORD.
	1	Minor			40	55	89	04	690	1	8	Jan'85	Aug'27	Temp. Wind, Rain.
														LIVINGSTON.
	1	Twight			41	04	84	26		2	2	Nov'87		Temp.(max.min.)Wind & Rain.
V	0	Pontiae			40	54	89	40	500		2	Oct'78	Nov'78	Temp.Wind,Clds.Rain.
		"								4	2x	Oct'85		Temp.Wind,Rain.
														POND.
	1	Green City			40	30	88	30		2	7x	Aug'85		Temp.(max.min.)Wind,Rain.
	1	Melvin			40	35	88	25		2	3	Aug'85	Oct'87	Temp. Wind,Rain.
														IRONDIOIT.
V	0	Milford			41	35	88	40		1	0	Jan'54	Dec'54	R Smithsonian Collection.
	1	Watseka			40	48	87	45	640	4	3	May'85		Temp,Wind,Rain.
														HANCOCK.
V	0	Augusta			40	12	90	37	931	29	11	Aug'32	Dec'72	Also a table of annual mean Temp. and total Rainfall for 38 years,1840 to 1877 inclusive.
V	0	Augusta								8	10x	Dec'72	Oct'80	Temp,Wind,Clds.Rain.
V	0	Carthage			40	23	91	17		1	11x	Jan'87		
V	0	Warsaw			40	20	91	25		12	2x	May'4[illegible]	Mar'74	Smithsonian Collection.
V	0	"								3		Jan'74	Mar'74	(2 1-2 miles s of.).Temp.Wind, Clouds & Rain.
V	0	"								14	0x	Jul'72		River Obs. Rain for 4 yrs and 4 months.
														MC DONOUGH.
	3	Prairie City			40	27	90	22	801	1	8	Jan'81	Aug'32	Temp.Wind & Rain.
														MARION.
	4	Canton			40	42	90	02	600	2	2	Aug'80	Sep'82	Bar.T.(max.min.)Wind & Rain.
	4	Quincy			40	23	90	10		1	1x	Dec'80	Mar'83	Rain. Temp.for 3 months.

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		° ′	° ′						
	TAZEWELL.								
W S	Brush Hill	40 36	89 35		1 7x	Feb'88	Sep'89		Temp.Wind & Rain.
W S	Hilton	40 40	89 34		3	Oct'89			
V O	Pekin	40 35	89 39	465	5 10x	Jan'55	Oct'65		Smithsonian Collection.
V O	"				3 6x	Feb'86			Bar.T.(max.min.)Hyg.Wind,Cld.R
	MC LEAN.								
V O	Bloomington	40 50	89 00	353	1 3x	Nov'85	Mar'87		Bar.Temp.Wind,Clds.Rain.
W S	Normal	40 30	89 00		1 0x	Jun'82	Sep'83		Temp.Wind,Rain.
	MASON.								
V O	Havana	40 18	90 005	475	3 3x	Sep'70	Dec'73		Smithsonian Collection.
V O	"				4 3	Jan'74	Mar'78		Temp.Wind,Clds.Rain.
W S	"				1	Dec'87		R	
	ADAMS.								
W S	Payson	39 50	91 15		2 0x	Jan'86	Mar'88		Temp.Wind & Rain.
V O	Quincy	39 57	91 25	650	1 11	May'70	Mar'72		Smithsonian Collection.
W S	"				1 6x	Oct'85	Oct'89		Temp. with 8 months of Rain.
V O	York Neck	40 05	91 33		2 0	Jan'64	Dec'65		Smithsonian Collection.
	SCHUYLER.								
W S	Rushville	40 08	90 36		5x	Jan'89			
	BROWN.								
V O	Mt. Sterling	39 58	90 47	525	7 8x	Jan'66	Nov'73		Smithsonian Collection.
V O	" "				6 5x	Mar'74	Oct'80		Temp.Wind,Clds.Rain.
	CASS.								
W S	Beardstown	40 01	90 29		5	Mar'83	Jul'86	R	
Riv	"				4 2x	May'85			River and Rainfall observation
V O	"				1	Mar'86			Temp.Wind,Clds.Rain.
	MENARD.								
V O	Athens	39 57	89 45	800	15 11x	Jan'43	Dec'58		Smithsonian Collection.
W S	Petersburg	40 02	89 52		2 4xx	Jul'82	Apl'89		Bar.T.(max.min.)Wind,Rain.
	LOGAN.								
W S	Atlanta	40 17	89 16		2 5x	Jun'82	Dec'84		Temp.Wind,Rain.
W S	Beason	40 10	89 14		2 9x	Dec'86			Temp.(max.min.)Wind,Rain.
	DE WITT.								
V O	Waynesville	40 16	89 07		1 3	Jan'58	Mar'59		Smithsonian Collection.

X Record broken.

													TAZEWELL.
S	Tress Hill	40	38	89	36				I	7x	Feb'88	Sep'89	Temp.Wind & Rain.
S	Hilton	40	40	89	34					3	Oct'89		
O	Pekin	40	35	89	39	405			E	10x	Jan'85	Oct'85	Smithsonian Collection.
O	"									3	6x	Feb'85	Bar.T.(max.min.)Hyg.Wind,Clds.R
													MC LEAN.
O	Bloomington	40	50	89	00	360			I	2x	Nov'85	Mar'87	Bar.Temp.Wind,Clds.Rain.
S	Normal	40	30	89	00				I	0x	Jun'82	Sep'85	Temp.Wind,Rain.
													MASON.
O	Havana	40	18	90	005	475			3	3x	Sep'70	Dec'73	Smithsonian Collection.
O	"								4	3	Jan'74	Mar'78	Temp.Wind,Clds.Rain.
S	"									I	Dec'87		R
													ADAMS.
S	Payson	39	50	91	15				2	0x	Jan'86	Mar'88	Temp.Wind & Rain.
O	Quincy	39	57	91	25	850			I	11	May'70	Mar'72	Smithsonian Collection.
S	"								I	6x	Oct'85	Oct'89	Temp. with 8 months of Rain.
O	York Neck	40	05	91	32				2	0	Jan'64	Dec'88	Smithsonian Collection.
													SCHUYLER.
S	Rushville	40	08	90	56					5x	Jan'89		
													BROWN.
O	Mt. Sterling	39	58	90	47	525			7	8x	Jan'88	Nov'73	Smithsonian Collection.
O	" "								8	5x	Mar'74	Oct'80	Temp.Wind,Clds.Rain.
													CASS.
S	Beardstown	40	01	90	29				3	Mar'83	Jul'83		R
iv	"								4	2x	May'85		Rivers and Rainfall observations.
O	"									I	Mar'85		Temp.Wind,Clds.Rain.
													MENARD.
O	Athens	39	57	89	45	800	15		11x	Jan'43	Dec'58		Smithsonian Collection.
S	Petersburg	40	02	89	52				2	4xxJul'82	Apl'89		Bar.T.(max.min.)Wind,Rain.
													LOGAN.
S	Atlanta	40	17	89	18				2	5x	Jun'82	Dec'84	Temp.Wind,Rain.
S	Lincoln	40	10	89	14				2	9x	Dec'85		Temp.(max.min.)Wind,Rain.
													DE WITT.
O	Waynesville	40	10	89	07				I	3	Jan'58	Mar'59	Smithsonian Collection.

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		°	′	°	′							
	MACON.											
V O	Decatur	39	51	88	57	685	3	4x	Aug'68	Dec'72		Smithsonian Collection.
V O	"						2	11x	Apl'75	Nov'80		Bar.Temp.Hyg.Wind,Clds.Rain.
W S	"						1	1x	Jan'86	Aug'87		Bar.T.(max.min.) & Rain.
V O	Warrensburg	39	55	89	05	680	2	0	Jan'72	Dec'73	T	Smithsonian Collection.
	PIATT.											
W S	Atwood	40	00	89	00		2	9x	May'85	Aug'89		Temp.(max.min.)Wind,Rain.
	CHAMPAIGN.											
V O	Champaign	40	08	88	14	767	1	9x	Dec'72	Nov'74		Smithsonian Collection.
W S	"						2	2	Nov'80	Dec'82		Bar.Temp.(max.min.)Hyg.Wind, Clds.Rain. (Ill.Industrial University).
V O	"						1	2x	Dec'73	Dec'75		Bar.Temp.Wind,Clds.Rain.
S S	"						2	6	Oct'80	Mar'83		2d Order station.
W S	Mahomet	40	12	88	26		1	1x	Aug'87	Feb'89		Temp.Wind,Rain.
V O	"							1	Jan'88			Temp.Wind,Rain.
W S	Philo	39	59	88	08	771	4	9x	Apl'85			
V O	"						1	9x	Dec'85			Temp.(max.min.)Wind,Clds.Rain.
V O	W. Urbana	40	09	88	17	550	3	0	Jan'57	Dec'59		Temp. Rain record broken.Sm.Col
	VERMILLION,											
W S	Hoopeston	40	29	87	42		1	4	Jan'78	May'79		
	PIKE.											
W S	Griggsville	39	41	90	40	650	8	0	Jan'82			Temp.broken.
	MORGAN.											
V O	Jacksonville	39	45	90	18	664	2	3x	Feb'58	Mar'62		Smithsonian Collection.
W S	"						2	3x	Jul'82	Dec'88		Temp.(max.min.)Wind,Rain.
V O	"						1	8x	Jan'87	Dec'88		Bar.T.(max.min.)Hyg.Wind,Clds & Rain(Deaf & Dumb Inst.).
V O	Waverly	39	36	89	58	680	4	0	Jan'62	Dec'65		Temp. Rain record broken.Sm.Col
	SCOTT.											
V O	Manchester	39	31	90	34	683	17	8x	Jul'54	Nov'73		Smithsonian Collection.
V O	"							11	Jan'74	Nov'74		Bar.Temp.Wind,Clds.Rain.
V O	" (near)						I	3x	Feb'72	Jun'73	T	Smithsonian Collection.
W S	Winchester	39	39	90	28		1	4	Nov'87	Feb'89		

X Record broken.

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		°	′	°	′							
	SANGAMON.											
V O	Loami	39	40	89	51	675	3	2x	Jan'66	Dec'69		Smithsonian Collection.
V O	Springfield	39	48	89	39	644	5	7x	Jan'65	Aug'70	R	But one month missing, Apl'70. Smithsonian Collection.
S S	"						10	6	Jul'79			2d Order station.
	CHRISTIAN.											
V O	Pana	39	25	89	07	760	2	3	Jun'69	Aug'71		Smithsonian Collection.
V O	"						24	0	'64	'87	R	Annual max. & min. Temp.
W S	"						7	5	Aug'82			Temp, Wind, Rain.
	EDGAR.											
V O	Paris	39	38	87	42			1	Sep'68		R	Smithsonian Collection.
W S	"						2	3	Dec'86	Feb'89		Temp, Wind, Rain.
	GREENE.											
W S	Bluffdale	39	22	90	31	593	1	1	Jan'86	Jan'87		Temp. Wind, Rain.
W S	White Hall	39	27	90	25	480	4	6x	Dec'84			
	JERSEY.											
V O	Jerseyville	39	06	90	20	650	1	4	Jan'72	Apl'73		Smithsonian Collection.
W S	"							1	Dec'86		T	
	MACOUPIN.											
V O	Brighton	39	00	90	13		3	11	Apl'55	Feb'59		(Piasa Farm). Temp. Rain record broken. Sm.Col.
V O	Bunker Hill	39	02	90	06	700	4	0x	Aug'82	Aug'86		Bar. Temp. (max.min.) Hyg. Wind, Clds. Rain. (May'86 only missing)
	MONTGOMERY.											
V O	Hillsboro	39	12	89	26			2	Feb'58	Mar'58	R	Smithsonian Collection.
W S	"							10x	May'73	Jun'89		
	SHELBY.											
V O	Windsor	39	35	90	15		3	9x	Aug'85	Nov'89		Bar. T(max.min.) Hyg. Wind, Cld. R.
W S	"						1	3	Oct'87	Dec'88		Temp. (max.min.) Wind, Rain.
	COLES.											
V O	Charleston	39	29	88	22	700	7	0x	Jul'81			Temp. (max.min.) Hyg. Wind, Clds. R.
V O	"						1	4	Jan'70	Apl'71		Smithsonian Collection.
V O	Mattoon	39	29	88	24	724	3	2x	Aug'69	Dec'73		Smithsonian Collection.
V O	"						8	8x	Jan'74			Temp, Wind, Clouds, Rain.

X Record broken.

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		°	′	°	′							
	CLARK.											
V O	Martinsville	39	21	87	54	610	1	6	Feb'77	Jul'78		Bar.Temp.Wind,Clds.Rain.
W S	"						3	1x	Mar'86			Temp.Wind & Rain.
	FAYETTE.											
V O	Vandalia	38	58	89	07			2	Jun'65	Jul'65	R	Smithsonian Collection.
W S	"						3	7x	Apl'85	Mar'89		Temp. Wind, Rain.
	EFFINGHAM.											
W S	Eberle	38	53	88	30		2	2x	Jul'85	Nov'88		Temp.(max.min.)Wind,Rain.
	JASPER.											
W S	St. Marie	38	58	87	57		3	7x	Jul'78	Aug'82		Temp.Wind,Rain.
	CRAWFORD.											
V O	Palestine	39	05	87	45	500	7	7	Jun'82			Temp.(max.min.)Wind,Clds.Rain.
	MADISON.											
V O	Alton	38	53	90	14	650	1	6x	May'49	Dec'51		Smithsonian Collection.
V O	Collinsville	38	37	90	00	600	6	11x	Jan'83			Temp.(max.min.)Wind,Clds.Rain.
V O	Highland	38	45	89	40		15	3x	Jan'41	Mar'64		Smithsonian Collection.
V O	"							4	Mar'79	Jun'79	R	Temp. & Wind.
V O	Upper Alton	38	57	90	04		5	8x	Jan'54	Apl'64		Smithsonian Collection.
V O	" "						7	0x	May'49	Oct'63		Also a table of average Rain and mean Temp.for 4y.4 mos.S.C.
W S	" "						4	5x	Jul'78	Dec'82		Bar.Temp.(max.min.)Wind,Rain.
	BOND.											
W S	Greenville	38	55	89	25		7	2x	Jan'82			Temp.(max.min.)Wind,Rain.
	CLAY.											
W S	Flora	38	39	88	30		3	10x	Feb'86			Temp.(max.min.)Wind,Rain.
V O	Louisville	38	46	88	30		4	9x	Jan'69	Nov'73		Smithsonian Collection.
V O	"						7	11x	Dec'73			Temp.Wind,Clouds,Rain.
	RICHLAND.											
V O	Olney	38	45	88	07			2	Sep'60	Oct'60		Smithsonian Collection.
W S	"						3	1x	Sep'73			Temp.Wind,Rain.
	LAWRENCE.											
W S	Sumner	38	45	88	52		3	5	Jan'86	May'89		Temp.Wind,Rain.

X Record broken.

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		°	′	°	′							
	ST.CLAIR.											
V O	Belleville	38	29	89	58	600	2	0x	May'60	Dec'62	R	Smithsonian Collection.
V O	Lebanon	38	37	89	49	500	1	8x	Nov'59	Jun'62		Smithsonian Collection.
V O	"							4	Jan'75	Apl'75		Temp.,Wind,Clds.,Rain.
W S	Mascoutah	38	30	89	50		7	9x	Jun'81			Temp.(max.min.),Wind,Rain.
W S	New Athens	38	16	89	55		1	2	Nov'87	Dec'88		Temp.,Wind,Rain.
	CLINTON.											
W S	Carlyle	38	34	89	27		1	8	Apl'85	Nov'86		Temp.(max.min.),& Rain.
W S	Irishtown						4	8x	Apl'85			(Near Carlyle).T.(max.min.) Wind and Rain.
	MARION.											
V O	Centralia	38	31	89	08			2	Jan'65	Feb'65	R	Smithsonian Collection.
W S	"						10	11x	Jul'78			Temp.(max.min.),Wind,Rain.
	MONROE.											
V O	Waterloo	38	20	90	10		5	6x	Mar'65	Oct'74		Smithsonian Collection.
V O	"							1	Oct'74			Temp.,Wind,Clds.,Rain.
	WASHINGTON.											
V O	Coloma	38	14	89	16	405	10	0	Jan'64	Dec'73		(Near Du Bois).Rain. T.broken.
V O	"						1	5	Jan'74	Jun'75		Temp.,Wind,Clds.,Rain.
V O	Hoyleton	38	26	89	17	480	1	4x	Jan'64	Jun'66		Smithsonian Collection.
W S	Richview	38	20	89	10	580	4	5	Jun'85	Oct'89		Bar.T.(max.min.),Wind,Rain.
V O	"							1	Feb'88			Bar.Temp.(max.min.),Hyg.,Wind, Clouds,Rain.
	JEFFERSON.											
W S	Mt. Vernon	38	20	88	57		1	3x	May'78	Aug'86		Temp.,Wind,Rain.
	WAYNE.											
W S	Fairfield	38	20	88	20	530	4	6x	Feb'85	Sep'89		Temp.(max.min.),Wind,Rain.
	EDWARDS.											
V O	Albion	38	24	88	04			1	Apl'57		R	Smithsonian Collection.
W S	"						1	7x	Jan'87	Nov'88		Temp.(max.min.)Wind,Rain.
V O	West Salem	38	30	88	00		4	6x	Jan'56	Oct'60		Smithsonian Collection.
	WABASH.											
Riv	Mt.Carmel	38	27	87	49		5	7	Jun'84		T	River & Rainfall observations.

X Record broken.

												ST.CLAIR.
0	Belleville	38	29	89	88	600	2	0x	Mar'60	Dec'82	R	Smithsonian Collection.
0	Lebanon	38	27	89	49	500	1	8x	Nov'69	Jan'87		Smithsonian Collection.
0	"							4	Jan'73	Apr'73		Temp., Wind, Clds., Rain.
8	Mascoutah	38	30	89	30		7	9x	Jan'81			Temp.(max.min.), Wind, Rain.
8	New Athens	38	16	89	55		1	2	Nov'87	Dec'88		Temp., Wind, Rain.
												CLINTON.
3	Carlyle	38	34	89	37		1	8	Apr'85	Nov'88		Temp.(max.min.), Rain.
3	Irishtown							4	8x	Apr'85		(Near Carlyle). T.(max.min.) Wind and Rain.
												MARION.
0	Centralia	38	31	89	08			2	Jan'85	Feb'85	R	Smithsonian Collection.
3	"						10	11x	Jul'78			Temp.(max.min.), Wind, Rain.
												MONROE.
0	Waterloo	38	20	90	10		5	6x	Mar'95	Oct'74		Smithsonian Collection.
0	"							1		Oct'74		Temp., Wind, Clds., Rain.
												WASHINGTON.
0	Coloma	38	14	89	16	405	10	0	Jan'84	Dec'73		(Near Du Bois). Min. T. broken.
0	"							1	5	Jan'74	Jun'73	Temp., Wind, Clds., Rain.
0	Hoylston	38	26	89	17	480	1	4x	Jan'84	Jun'68		Smithsonian Collection.
3	Radbyiew	38	20	89	10	380	4	5	Jun'85	Oct'89		Bar.T.(max.min.), Wind, Rain.
0	"							1		Feb'88		Bar.Temp.(max.min.), Hyg., Wind, Clouds, Rain.
												JEFFERSON.
3	Mt. Vernon	38	20	88	57		1	3x	May'78	Aug'85		Temp., Wind, Rain.
												WAYNE.
3	Fairfield	38	20	88	20	530	4	6x	Feb'85	Sep'89		Temp.(max.min.), Wind, Rain.
												EDWARDS.
0	Albion	38	24	88	04			1		Apr'57	R	Smithsonian Collection.
3	"						1	7x	Jan'87	Nov'88		Temp.(max.min.)Wind, Rain.
0	West Salem	38	30	88	00			4	8x	Jan'56	Oct'60	Smithsonian Collection.
												WABASH.
1v	Mt.Carmel	38	27	87	49			5	7	Jun'84		T River & Rainfall observations.

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		°	′	°	′							
	RANDOLPH.											
W S	Jordan's Grove	38	14	89	48		2	11x	Jan'87			Temp., Wind, Rain.
	PERRY.											
W S	Old du Quoin	37	58	89	15		1	2	Jan'88	Feb'89		Temp., Wind, Rain.
V O	Swanwick	38	10	89	31		4	9x	Apl'81	May'86		Temp., Wind, Clds., Rain.
	FRANKLIN.											
W S	Benton	38	02	88	56		1	11	Apl'87	Feb'89		Rain complete; Temp., broken.
	HAMILTON.											
W S	Mc Leansboro	38	07	88	35		7	11x	Jan'82			Temp. (max. min.), Wind, Rain.
	WHITE.											
W S	Grayville	38	17	88	01		4	0x	Jan'79	Mar'83		Temp. (max. min.), Wind, Rain.
	JACKSON.											
V O	Carbondale	37	46	89	14	488	1	10	Dec'75	Sep'77		Bar., Temp., Hyg., Wind, Cld., Rain.
Riv	Grand Tower	37	39	89	30		4	1x	Mar'85		T	River & Rainfall observations.
W S	Makanda	37	40	89	15	765	1	3x	Jan'86	Feb'89		Bar., Temp., (max. min.), Wind, R.
	UNION.											
V O	Anna	37	30	89	18	625	11	8	May'75	Dec'86		Temp., (max. min.), Wind, Clds., Also a table of Rain for 12 yrs., Jan'75 to Dec'86.
V O	South Pass	37	28	89	14	650	4	9x	Dec'57	Feb'70	R	Smithsonian Collection.
	POPE.											
V O	Golconda	37	23	88	30		5	0	Jan'66	Dec'70		Smithsonian Collection.
W S	"						11	6	Jul'78			Temp., (max. min.), Wind, Rain.
	ALEXANDER.											
S S	Cairo	37	00	89	10	359	18	6	Jul'71			2d Order station. River obs.

X Record broken.

														RANDOLPH.
5	Jordan's Grove	38	14	89	48						2	11x	Jan'87	Temp., Wind, Rain.
														PERCY.
3	Old du Quoin	37	58	89	15						1	2	Jan'86	Feb'89	Temp., Wind, Rain.
0	Sorrento	38	10	89	31						4	9x	Apl'01	May'85	Temp., Wind, Clds., Rain.
														FRANKLIN.
5	Benton	39	02	88	53						1	11	Apl'87	Feb'89	Rain corrplete; Temp., snow.
														JEFFERSON.
5	Mt Vernon	38	07	88	55						7	11x	Jan'82	Temp (max.min.), Wind, Rain.
														WAYNE.
3	Grayville	38	17	88	01						4	0x	Jan'79	Mar'83	Temp (max.min.), Wind, Rain.
														JACKSON.
0	Carbondale	37	46	89	14	488					1	10	Dec'75	Sep'77	Rain, Temp., U., Wind, Cld., Rain.
v	Grand Tower	37	39	89	30							4	1x	Mar'85	T Water & Rainfall observations.
3	Anna	37	40	39	13	765					1	3x	Jan'53	Feb'89	Rain., Temp., (max.min.), Wind, Cld.
														ALEXANDER.
0	Mounds	37	30	89	13	675					11	8	May'75	Dec'85	Temp., (max.min.), Wind, Clds., Also a table of Rain for 12 yrs., Jan'70 to Dec'85.
0	South Pass	37	28	89	14	650					4	9x	Dec'57	Feb'70	R Smithsonian Collection.
														POPE.
1	Golconda	37	23	28	30						3	0	Jan'46	Dec'70	Smithsonian Collection.
											11	6	Jul'78		Temp., (max.min.), Wind, Rain.
														ALEXANDER.
1	Cairo	37	00	89	10	339	18				6	Jul'71			2d Order station. River obs.

Fragmentary Records of less than a year in length are on file from the

Following Stations:
I L L I N O I S .

Station	County	Station	County	Station	County
Abingdon	Knox	Houston	Randolph	N.Caledonia	Pulaski
Ashland	Cass	Hugo	Douglas	Nunda	McHenry
Bruce Tw'p.	La Salle	Kampville	Calhoun	Paxton	Ford
Camargo	Douglas	Keithsville	Mercer	Piatt	Piatt
Camden	Schuyler	King's Mills	Kane	Pulley's Mill	Williamson
Carlinville	Macoupin	Lake View	Cook	Ridge Farm	Vermillion
Channahon	Will	Larchland	Warren	Ridott	Stephenson
Clinton	De Witt	Lawn	Marshall	Riggston	Scott
Danville	Vermillion	Lee Centre	Lee	Roberts	Ford
SW. corner of	Edgar	Lincoln	Logan	Seneca	La Salle
Effingham	Effingham	Litchfield	Montgomery	Shawneetown	Gallatin
Elizabethtown	Hardin	Manlius	La Salle	Sweetwater	Menard
Ewing	Franklin	Mason City	Mason	Three Mile	Perry
Frankford	Pike	Meeker's Store	Union	Urbana	Champaign
Friendsville	Wabash	Merritt	Scott	Vermont	Fulton
Fulton	Whiteside	Mound City	Pulaski	Vienna	Johnson
Galena	Jo Daviess	Mt.Carroll	Carroll	Virden	Macoupin
Granville	Putman	Murrayville	Morgan	Wapella	De Witt
Harrisburg	Saline	Nachusa Nursery	Lee	Warren	Jo Daviess
Henry	Marshall	Naperville	Du Page	Wataga	Knox
Hinsdale	Du Page	New Windsor	Mercer	Wheeling	Cook
				Willow Creek	Lee
				Willow Hill	Jasper.
				West Jersey	Stark

Precipitation totals of less than a year in length are on file from the

following stations:

I L L I N O I S .

Station	County	Station	County	Station	County
Abingdon	Knox	Houston	Randolph	N.Calednonia	Pulaski
Auburn	Cass	Hugo	Douglas	Hymia	Fulton
Bay'e Ye'e.	La Salle	Kewanville	Gallatin	Perry	Pike
Chicago	Douglas	Kirkwyville	Wayne	Plato	Pike
Colmar	Schuyler	Kurt's Mills	Cass	Pulaski's Mill	Williamson
Cottonville	Macoupin	Lake View	Cook	Ridge Farm	Vermilion
Chesterfield	Mill	Lawnland	Warren	Ridott	Stephenson
Clinton	De Witt	Lewis	Marshall	Rinaldo	Cook
Danville	Vermilion	Lee Center	Lee	Rockford	Ford
Ed. survey of	Cedar	Lisbon	Logan	Sandoon	La Salle
Fairbanks	Fulton	Litchfield	Montgomery	Shawneetown	Gallatin
Fairfield-town	Marion	Mapleton	La Salle	Sweetwater	Macon
Galesburg	Knox	Mason City	Mason	Three Mile	Perry
Hamilton	Pike	Mecker's Store	Union	Urbana	Champaign
Hillsboro	Adams	Mortis	Scott	Vermont	Fulton
Hulsen	Whiteside	Mound City	Pulaski	Vienna	Johnson
Galena	Jo Daviess	Mt.Carroll	Carroll	Virden	Macoupin
Grandville	Putnam	Murphysville	Morgan	Wapella	De Witt
Harrisburg	Saline	Nauvoo Nauvoo	Lee	Warren	Jo Daviess
Henry	Marshall	Shipsville	Du Page	Waterman	Knox
Hinsdale	Du Page	New Windsor	Mercer	Wheeling	Cook
				Willow Creek	Lee
				Willow Hill	Jasper.
				West Jersey	Stark

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	LA PORTE.	°	′	°	′							
V O	Michigan City	41	43	86	51	606	3	0x	Jan'57	Sep'60		Smithsonian Collection.
V O	La Porte	41	37	86	43	650	2	6x	'49	'70	R	Average Temp. Sm. Col.
V O	" "							11	Mar'49	Jan'50	T	Smithsonian Collection.
V O	" "						3	0x	Jan'51	Jan'71		" "
W S	" "						1	3	Jul'82	Oct'83	T	
	ST. JOSEPH.											
V O	South Bend	41	39	86	15	736	3	2x	May'62	Jun'65		Smithsonian Collection.
V O	" "						1	6x	Jan'74	Jan'76		Temp., Wind, Clds., Rain.
V O	N. Liberty	41	32	86	21			4	Jun'72	Sep'72	T	Smithsonian Collection.
W S	" "						1	6	Apl'85	Oct'86		
	LA GRANGE.											
V O	La Grange	41	37	85	26		2	1x	Jan'85	May'88		Temp., Wind, Weather, Clds. Rain.
W S	" "						3	1x	Nov'82	Jan'89		
	STEUBEN.											
W S	Angola	41	36	85	00		4	11x	Dec'84			Temp. (max. min.) Clouds, Rain.
	KOSCIUSKO.											
V O	Milford	41	25	85	56	1229	2	0x	Feb'75	Dec'78	T	(Observations made 6 miles SW) Previous to Aug'76, station known as Leesburg. Sm. Col.
V O	Milford						3	4x	Jan'75	Dec'78	T	Wind, Clouds, Rain.
	NEWTON.											
V O	Kentland	40	47	87	22	725	1	0x	Feb'69	Jan'71		Smithsonian Collection.
	JASPER.											
V O	Rensselaer	40	56	87	05	725	4	3x	Jul'64	Jul'71		Smithsonian Collection.
	WHITNEY.											
V O	Columbia City	41	09	85	30	863	5	8x	Sep'65	Jun'73		Smithsonian Collection.
W S	" "					841	4	6x	Apl'85			Temp. (max. min.) Clouds, Rain.
	ALLEN.											
V O	Fort Wayne	41	05	85	07	815	12	2x	Dec'74	Apl'87		Bar., Temp., Wind, Clouds, Rain; max. & min. Temp., from Jan'84.
V O	" " "							2	May'49	Jun'49	R	Smithsonian Collection.
V O	" "						3	0	Dec'70	Dec'73		" "
W S	" "							3x	Jan'88	Apl'88		

X Record broken.

| | | |

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	WHITE.	° ′	° ′							
W S	Monticello	42 40	86 49	675	3	3x	Jul'82	Apl'87		Temp.(max.min.) Clouds,Rain.
V O	"					7x	May'86	Dec'86		Also one full report in Jan'83.
	CASS.									
V O	Logansport	40 45	86 22	625	5	2x	Jul'54	Jun'63		Smithsonian Collection.
V O	"				8	1x	May'79	Nov'88		Temp.,Wind,Clouds,Weather,Rain.
W S	"				23	0	Jan'60	Dec'82	T	Table of mean temperature.
W S	"				4	1x	Aug'84			Temp.(max.min.) Rain.
S S	"				2	5	Aug'87		T	Rainfall station.
	MIAMI.									
W S	Miami	40 39	86 07		1	4x	Aug'82	Dec'83	T	
W S	"				1	2x	Jan'85	Apl'86		Temp.(max.min.) Rain.
	WABASH.									
V O	Wabash	40 48	85 49	698		8x	Mar'76	Dec'76		Bar.,Temp.,Wind,Clouds,Rain.
V O	"				6	0	Aug'79	Jul'85		Bar.,Temp.,Wind,Clouds,Rain.
	HUNTINGTON.									
W S	Huntington	40 52	85 30			8x	Oct'82	Jul'83	T	(Temp.only for Jan.& Feb.'85).
S S	"				2	5	Aug'87		T	Rainfall station.
	CARROLL.									
W S	Delphi	40 36	86 41		4	4x	Jul'85			Temp.(max.min.) Clouds,Rain.
V O	Burlington	40 31	86 28	741		7	Jan'74	Jul'74		Observations made 2 miles SW.
	HOWARD.									
V O	Kokomo	40 30	86 09			7	Jan'75	Jul'75		Temp.,Wind,Clouds,Rain.Obsservations made 1 mile East.
W S	Kokomo	40 30	86 10			6	Feb'83	Jul'83	T	
	GRANT.									
V O	Jalapa	40 40	85 40			11x	Jun'68	Jun'69		Smithsonian Collection.
W S	Marion	40 34	85 21		3	5x	Nov'85			Temp.(max.min.),Clouds,Rain.
V O	Point Isabel	40 47	85 40		1	0	Jan'89			Temp.(max.min.),Rain.
V O	Independence	40 30	85 35		3	0	'61	'63	T	Annual Rainfall. Sm. Col.
V O	"					3	Apl'64	Jun'64	T	Smithsonian Collection.
	J A Y.									
V O	New Corydon	40 46	84 44	840	4	10	Oct'77	Jul'82		Bar.,Temp.,Hyg.,Wind,Clds.,R.
V O	Pennville	40 28	85 09		1	1x	May'64	Aug'65	R	Rain for only 3 months. Sm.Col.
W S	Dunkirk	40 23	85 13		1	5x	Jun'82	Dec'83	T	

X Record broken.

			WHITE.											
S	Mantiqilio	42	40	86	40	075	3	3x	Jul'82	Apl'87				Temp.(max.min.) Clouds,Rain.
O	"							7x	May'83	Dec'88				Also one full report in Jan'88.
			CASS.											
O	Loyansport	40	45	86	22	020	5	2x	Jul'54	Jun'65				Smithsonian Collection.
O	"						8	1x	May'70	Nov'88				Temp.,Wind,Clouds,Weather,Rain.
S	"						25	0	Jan'00	Dec'02	T			Table of mean temperature.
S	"						4	1x	Aug'84					Temp.(max.min.) Rain.
S	"						2	3	Aug'07		T			Rainfall station.
			ADAMS.											
C	Hanna	40	39	86	07		1	4x	Aug'82	Dec'85	T			
C	"						1	2x	Jan'83	Apl'85				Temp.(max.min.) Rain.
			WALCOTT.											
O	Walcott	40	48	85	43	890		8x	Mar'79	Dec'79				Bar.,Temp.,Wind,Clouds,Rain.
O	"						6	0	Aug'79	Jul'85				Bar.,Temp.,Wind,Clouds,Rain.
			HUNTINGTON.											
C	Huntington	40	52	85	30			8x	Oct'82	Jul'25	T			(Temp.only for Jan.& Feb.'82).
S	"						2	5	Aug'87		T			Rainfall station.
			CANNELTON.											
S	Delphi	40	36	86	41		4	4x	Jul'85					Temp.(max.min.) Cloud,Rain.
O	Junction	40	31	81	39	741		7	Jan'74	Jul'74				Observations made 2 miles SW .
			MARION.											
O	Marion	40	30	85	09			7	Jan'73	Jul'75				Temp.,Wind,Clouds,Rain.Observations made 1 mile East.
T	Kokomo	40	30	85	10			6	Feb'00	Jul'85	T			
			[illegible].											
O	Julapa	40	40	85	40			11x	Jun'03	Jun'09				Smithsonian Collection.
C	Ligton	40	34	85	21		3	8x	Nov'08					Temp.(max.min.),Clouds,Rain.
O	Point Isabel	40	47	85	40		1	0	Jan'09					Temp.(max.min.),Rain.
C	Independence	40	30	85	25		5	0	'81	'85	T			Annual Rainfall. Sm. Col.
O	"							3	Apl'84	Jun'04	T			Smithsonian Collection.
			J A Y.											
O	Fort Covington	40	18	84	14	810	4	10	Oct'77	Jul'02				Bar.,Temp.,Hyg.,Wind,Clds.,R.
S	Fremville	40	18	85	09		1	1x	May'84	Aug'85	R			Rain for only 3 months. Sm.Col.
C	Pendleta	40	23	85	12		1	1x	Jun'00	Dec'03	T			

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		° ′	° ′						
	TIPPECANOE.								
V O	La Fayette	40 28	86 54	667	10x	May'54	Jan'70		Smithsonian Collection.
V O	" "				5 9	Jan'82	Sep'87		Bar.T.(max.min.)Hyg.Wind,Cld.R.
W S	" "				9 0x	Jan'80			
S S	" "				2 5	Aug'87		T	Rainfall Station.
	CLINTON.								
W S	Frankfort	40 15	86 31		1 10x	Jul'82	Dec'84	T	(Temp.for only 3 mos.).
	DELAWARE.								
V O	Muncie	40 12	85 25	960	4 7x	Oct'63	May'70		Smithsonian Collection.
W S	"				3 9x	Jul'85			Temp.(max.min.),Clouds,Rain.
	RANDOLPH.								
W S	Farmland	40 11	85 10		7 3x	Jun'82			Temp. from Sep.'84.
	FOUNTAIN.								
V O	Harveysburg	39 59	87 16		1 6x	Mar'69	Sep'70		Smithsonian Collection.
	MONTGOMERY.								
V O	Crawfordville	40 03	86 49		4	Jan'76	Apl'76		Bar.Temp.,Wind,Weather,Rain.
W S	"				2 11x	Jan'85	Jan'89		Max.& min. Temp.,Clouds,Rain.
	VERMILLION.								
W S	Dana	39 46	87 30		10x	Sep'84	Jun'86		Temp.(max.min.),Rain.
V O	"				1 2x	Feb'88			Temp.(max.min.),Wind,Clds.,R.
	PARKE.								
V O	Rockville	39 46	87 10		1 6x	Jan'60	Jan'64	T	Smithsonian Collection.
V O	"				1 3x	Jan'60	Dec'64	R	" "
	PUTNAM.								
V O	Greencastle	39 39	86 51		2	Jan'54	Feb'54		Also a mean temp.for May'43. Sm. Col.
W S	"				9x	Aug'82	Oct'83	T	- - -
S S	"			897	2 1	Oct'84	Oct'86		2d Order station.
W S	Fillmore	39 40	86 47		1 11x	Sep'84	Sep'86		
	HENDRICKS.								
W S	Danville	39 45	86 31		1 1x	Jun'82	Jul'85		Temp.only for 4 months.
	MARION.								
S S	Indianapolis	39 46	86 10	766	18 11	Feb'71			2d Order Station.
V O	"				8 0x	Jan'61	Nov'71		Smithsonian Collection.
W S	"				10 0	Jan'72	Dec'81	T	Table of monthly mean Temp.

X Record broken.

0	Ca	Fa+1/4	4c	38	81	44	44?				10x	May'04	Jan'70						Antimonian Coolidgian.
0	"	"									3	Jan'03	Sep'67						Sat.T.(Max.min.),Tr.,Rain,Fla.,S
2	"	"									3	0x	Jan'00						
2	"	"									2	b	Aug'07			T	Blairfall Station.		
0	Fremont's		4c	16	86	61					1	10x	Jul'02	Dec'84		X	(Temp.for only 3 years).		
0	Nuevia		4c	12	8c	34	600				4	7x	Oct'60	Mar'70			Antibaconian Coolidgian.		
0	"										X	9x	Jul'09				Temp.(max.min.),Clouds,Rain.		
0	Rafaline		4c	11	3c	10					7	3x	Jun'02				Tem. from Sep.'84.		
0	Berryville		4c	0	47	10					1	8x	Mar'03	Sep'70			Antharonian Coolidgian.		
0	Crawford'ill		4c	06	86	48						4	Jan'70	Apr'76			Max.Temp.,Min.),Weather,Rain.		
2	"										2	11x	Jan'80	Jan'89			Max.& min. Temp.,Clouds,Rain.		
2	Dana		3c	06	40	20						10x	Sep'04	Nov'06			Temp.(max.min.),Rain.		
0	"										1	2x	[illegible]				Temp.(max.min.),Wind,Clir.,S.		
0	Roanville		3c	4c	87	10					1	8x	Jan'00	Jan'04		T	Antharonian Coolidgian.		
0	"										1	7x	Jan'80	Jun'04		X	" "		
0	Cresteville		3c	3c	0c	51						2	Jan'54	Feb'04			Also a mean temp.for May'10. Ta. Cel.		
2	"																		
2	"											9x	Aug'0E	Oct'85		T	- - -		
											4ST	3	1	Dec'84	Oct'86		3d Order station.		
2	Pitkin		3c	4c	3c	47					1	11x	Sep'84	Sep'0a					
0	Dalzell		3c	4c	4c	2					1	1x	Jun'8a	Jul'0c			Temp.only for 4 months.		
0	Lumberport		3c	4c	2c	10	766	1E	11	Jan'71							3d Order Station.		
0	"											0	0x	Jan'01	May'71		Antharonian Coolidgian.		
2	"											10	0	Jan'72	Dec'01	T	Table of monthly mean temp.		

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	HANCOCK.	° ′	° ′							
W S	Fortville	39 55	85 50		1	0	Aug'87	Jul'88		Temp.(max.min.)Clouds,Rain.
V O	Greenfield	39 45	85 45			6x	Apl'83	Feb'84		Temp.,Wind,Clouds,Rain.
W S	"				2	6x	Aug'84	Oct'87		Temp.(max.min.),Clouds,Rain.
	HENRY.									
V O	Cadiz(1 mile S)	39 55	85 20	1060	9	10x	Dec'54	Mar'65	R	Also known as Newcastle.Sm.Col.
V O	" "				2	6x	Jan'60	Feb'63	T	" " " " "
V O	Spiceland	39 48	85 18	1025	11	0x	Dec'73	Nov'86		Record complete with the exception of a break from Jun'82 to May'84. Bar.,Temp.,Wind,Clds., Rain;max.& min.Temp.from Jan'85.
V O	Spiceland				10	7	May'63	Dec'74		Temp.missing from Jan'70 to Nov'73.Smithsonian Col.
W S	"				5	8	Oct'81			Bar.,Temp.(max.min.)Clds.Rain.
V O	Knightstown	39 46	84 24	750	1	1x	Jan'74	Apl'75	R	Obs.made 6 miles S.--Sm. Col.
W S	"				1	2	Nov'84	Dec'85		
V O	"					5	Jan'86	May'86		Temp.(max.min.)Wind,Clds.Rain.
	WAYNE.									
V O	Milton	39 47	85 06	800	3	0	Jan'53	Dec'54	R	Smithsonian Collection.
V O	Richmond	39 51	84 53	850	2	2x	Jan'49	Dec'54	R	(Averages). Sm. Col.
V O	"				6	1x	'51	'59	T	(Averag s). Sm. Col.
V O	"				16	8	Jan'52	Aug'68		Rain complete;Temp.broken.Sm.C.
W S	"				7	1	Jul'82			Rain with Temp.(max.min.) from Aug'84.
V O	Earlham College	39 52	84 42	870	1	6	Feb'77	Aug'78		(Near Richmond) Bar.Temp.Hyg. Wind,Clds.,Rain. Also one report in Oct'75.
	VIGO.									
V O	Terre Haute	39 29	87 25		3	4	Sep'83	Dec'86		Temp.,Wind,Clds.,Rain.Also one report in May'75.
S S	" "				1	9	Jun'87	Feb'89		3d Order station. Electrical obs.Aug.26'87 to Aug.31'88.
	MORGAN.									
W S	Martinsville	39 30	86 29		1	9x	Aug'82	Oct'84	T	Temp.for 3 months only.

X Record broken.

															HANCOCK.
2	Fortville	29	87	85	50						1	0	Aug'87	Jul'88	Temp.(max.min.)Clouds,Rain.
0	Greenfield	39	45	85	42							0x	Apr'85	Feb'84	Temp.,Wind,Clouds,Rain.
S	"										2	0x	Aug'84	Oct'87	Temp.(max.min.),Clouds,Rain.
															HENRY.
0	Cambridge City	39	85	85	40	1000					3	10x	Dec'84	Mar'05	R Also known as Newcastle.Sm.Col.
0	"										2	0x	Jan'80	Feb'85	T " " " " "
0	Spiceland	39	45	85	18	1055					11	0x	Dec'75	Nov'85	Record complete with the exception of a break from Jun'82 to May'91. Lat.,Temp.,Wind,Clds., Rain;max.& min.Temp.from Jan'85.
0	Spiceland										10	7	May'85	Dec'74	Temp.missing from Jan'70 to Nov'72. Smithsonian Col.
S	"										5	8	Oct'81		Lat.,Temp.(max.min.)Clds.Rain.
0	Smithstown	39	45	84	24	750					1	1x	Jan'74	Apr'75	R Obs.made 6 miles E.--Sm. Col.
S	"										1	2	Nov'84	Dec'85	
0	"											5	Jan'88	May'88	Temp.(max.min.)wind,Clds.Rain.
															WAYNE.
0	Milton	39	47	85	06	800					5	0	Jan'53	Dec'54	R Smithsonian Collection.
0	Richmond	39	51	84	53	850					2	2x	Jan'49	Dec'54	R (Averages). Sm. Col.
0	"										8	1x	'81	'59	T (Averages). Sm. Col.
0	"										10	6	Jan'78	Aug'68	Rain complete;Temp.broken.Sm.C.
S	"										7	1	Jul'52		Rain with Temp.(max.min.) from Aug'84.
0	Earlham College	39	84	42	870						1	6	Feb'77	Aug'78	(Near Richmond) Bar.Temp.Hyg. Wind,Clds.,Rain. Also one report in Oct'78.
															V I G O.
0	Terre Haute	39	23	27	15						5	4	Sep'82	Dec'86	Temp.,Wind,Clds.,Rain.Also one report in May'75.
C	" "										1	9	Jun'97	Feb'89	Sd order station. Electrical obs.Aug.25'87 to Aug.31'88.
															WYNDEN.
2	Marydale	39	39	86	29						1	8x	Aug'72	Oct'84	T Temp.for 3 months only.

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		°	′	°	′							
	JOHNSON.											
W S	Franklin	39	30	86	13	740	3	2x	Jul'82			Rainfall, with Temp. (max.min.) from Sept.'84.
	SHELLY.											
W S	Shelbyville	39	33	85	50	774		7x	May'39		T	
	RUSH.											
V O	Mount Hope	39	47	85	33	800	6	2	Nov'68	Dec'74	T	Smithsonian Collection.
V O	" "						5	5	Feb'68	Nov'75	R	" "
V O	" "					750	1	1x	Jan'74	Apl'75		Bar., Temp., Wind, Clds., Rain.
V O	Beech Grove	39	42	85	24	941	2	11x	Jun'71	Jul'74	T	Smithsonian Collection.
V O	" "							6	Jan'74	Jun'74	R	" "
V O	Arlington	39	53	85	35	941	1	7x	Apl'78	Dec'79		(2 1-2 miles SW.) T.Wind, Cld.R.
S S	Rushville	39	37	85	29		1	5	Aug'87		T	Rainfall Station.
V O	Mauzy	39	37	85	23		6	3	Feb'83			(Also known as Glenwood, and as Griffin Station; Temp. (max. min.), Wind, Clouds, Rain.
W S	Mauzy						1	7	Aug'82	Feb'84	T	
	FAYETTE.											
W S	Connersville	39	40	85	03	844	7	6	Jun'82			Temp. (max.min.) Clouds, Rain.
V O	"							2x	Jun'86	Aug'86		
	FRANKLIN.											
V O	Brookville	39	25	85	01			1	Jan'83		R	Temp., Wind, Clouds.
W S	"						3	4	Oct'84	Jul'88		Temp. (max.min.) Clds. Rain.
V O	Mount Carmel	39	25	84	52	900	4	3	Jun'69	Nov'73		Smithsonian Collection.
	MONROE.											
V O	Bloomington	39	12	86	33	771	4	11x	Jan'68	Dec'74		Smithsonian Collection.
V O	"						3	5	Jan'74	May'77		Bar., Temp., Hyg., Wind, Clds. Rain.
W S	"						1	6x	Sep'82	Jan'88		Record badly broken.
	BARTHOLOMEW.											
W S	Columbus	39	13	85	53	632	6	0	Jan'84			Temp. (max.min.), Clouds, Rain.
	SULLIVAN.											
V O	Merom	39	05	87	40	560	7	1x	Jun'66	Nov'73		Smithsonian Collection.
V O	"						1	1x	Nov'76	Jan'78		Temp., Wind, Clouds, Rain.

X Record broken.

														JUNIAGRI.
1	Syn.Cirr:	48	37	85	16	760	3	2x	6/1'22					Lat.Cirr.,Cirr.,Cirr.)
														Cirr. Dyn.'Ski.
														BRILLY.
1	Ghrilliville	28	32	93	10	771		7x	16r'/6			T		
														RUTH.
0	Ignoble Hope	34	67	81	22	800	2	7	Nov'03	Dec'74		T		Southwestern Civilization.
0	" "						3	5	Sep'08	Nov'72		R		" "
0	" "					750	1	1x	Jan'74	Apr'75				Sun.,Temp.,Wind,Clds.,Rain.
0	Dawn Drove	64	42	81	34	941	2	11x	Jun'71	Jul'74		T		Southwestern Civilization.
0	" "							6	Jan'74	Jun'74		R		"
0	Attention	79	55	16	38	941	1	7x	Apr'72	Jun'79				(1: 1-2 miles 3m.) Sunshine,Clds.
0	Unknown	39	37	16	32		1	5	Aug'87			T		Southwest Station.
0	Money	51	27	80	23		3	8	Feb'03					(Also known as Sycamore, and
														as Griffin Station;temp.max.
														min.),Wind,Clouds,Rain.
1	Mexx:						1	7	Aug'82	Feb'04		T		
														RAINY.
2	Consciousness	23	47	81	04	414	7	1	Jun'82					Temp.(max.min.),Clouds,Rain.
0	"							4x	Jun'09	Aug'86				
														TWINKLING.
0	Lovely Vale	32	22	80	01			1	Jan'80					Temp.,Wind, Clouds.
2	"						3	4	Oct'84	Jul'88				Temp.(max.min.),Clds.,Rain.
0	Moscow Cathedral	32	21	84	22	800	4	1	Jun'70	Nov'72				Southwestern Civilization.
														ZEPHYR.
0	Dido Junction	36	12	21	32	771	4	11x	Jan'08	Dec'74				Southwestern Civilization.
0	"						2	5	Jan'74	May'77				Bar.,Temp.,Hyg.,Wind,Clds.,Rain.
0	"						1	0x	Sep'82	Jan'88				Record Early Broken.
														LAUGHING GAME.
2	Cyclones	36	11	00	13	780	0	0	Jan'94					Temp.(max.min.),Clouds,Rain.
														ORALIZAR.
0	Alytom	38	05	87	40	800	7	1x	Jun'05	Nov'75				Southwestern Civilization.
0	"						1	1x	Nov'76	Jan'78				Temp.,Wind,Clouds,Rain.

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		°	′	°	′							
	GREENE.											
W S	Worthington	39	09	87	00	540	7	6	Jul'82			Bar.(Temp(max.min.)Wind,Clds.R.
	JENNINGS.											
V O	Butlerville	39	03	85	33	767	3	10x	Mar'86			Temp.,Weather,Rain.
W S	"						4	0	Jan'86			Temp.(max.min.),Clouds,Rain.
W S	Vernon	39	00	85	38		1	0x	Jul'82	Jul'83	T	(August'82 missing).
	RIPLEY.											
V O	Sunman	39	14	85	06	1018	6	5	Aug'83			Temp.,Wind,Clouds,Weather,Rain.
	DEARBORN.											
V O	Guilford	39	10	84	55	820	1	2	Feb'85	Mar'86		Temp.,Wind,Clouds,Weather,Rain.
W S	Lawrenceburg	39	07	84	51		5	0	Jan'67	Dec'71	R	Table of monthly mean Temp.
W S	"							9x	Mar'87	Aug'89	R	
V O	Aurora	39	04	84	55	509	7	10	Jan'66	Dec'73	T	(Jun'72 missing). Sm. Col.
V O	"							9x	Feb'50	Dec'50	R	Smithsonian Collection.
	OHIO.											
V O	Rising Sun	38	58	84	46	550	5	11x	Dec'73	Nov'84		Temp.,Wind,Clouds,Rain.
V O	" "						2	6	Jun'71	Nov'73		Smithsonian Collection.
	KNOX.											
W S	Vincennes	38	43	87	31			9x	Oct'82	Aug'83	T	
Riv	"						2	3x	Feb'87		T	River & Rainfall observations.
	LAWRENCE.											
W S	Mitchell	38	46	86	25		1	3x	Jul'82	Apl'85		Record badly broken.
V O	"							1	Feb'83			Temp.,Wind,Clouds,Rain.
	JACKSON.											
W S	Seymour	38	45	86	31	648	2	1	Dec'87			Bar.Temp.(max.min.),Wind,Clds.R
	JEFFERSON.											
W S	Hanover	38	40	85	30		1	4	Dec'82	Mar'84	T	
V O	Madison	38	41	85	20	450	2	10x	Nov'54	Jul'66		Record badly broken. Sm.Col.
	SWITZERLAND.											
V O	Vevay	38	46	84	59	525	8	1x	Aug'64	Dec'72		Smithsonian Collection.
V O	"						17	0	Jan'73			Bar.,Temp.,(max.min.)Hyg.Wind, Clouds,Weather,Rain.

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	WASHINGTON.	°	′	°	′							
W S	Salem	38	38	86	10	650	4	10x	Jul'82	Jan'88	T	
V O	"							3x	Aug'83	Aug'86		Temp., Wind, Clouds, Rain.
V O	"						1	5x	Feb'88	May'89		
V O	Livonia	38	35	86	15	733	1	0	Nov'71	Oct'72		Smithsonian Collection.
	GIBSON.											
W S	Princeton	38	23	87	35	481	6	10x	Aug'82			Temp. (max. min.) from Aug'84.
	DUBOIS.											
V O	Huntingburg	38	21	86	59	430		1	Apl'83			Temp., Clouds, Weather, Rain.
W S	"						6	6x	Aug'82			Temp. (max. min.) from Sept'84.
	CRAWFORD.											
W S	Marengo	38	24	86	24	363	7	0x	Oct'82			Temp. (max. min.) from Aug'84.
	HARRISON.											
W S	Corydon	38	13	86	08		2	2x	Aug'82	Jun'85		Temp., from Sep'84.
V O	Laconia	38	05	86	07	530	8	0	Jan'66	Dec'73	T	Smithsonian Collection.
V O	"						4	6	Jul'69	Dec'73	R	Smithsonian Collection.
V O	"						15	4x	Jan'74			Bar., Temp., Weather, Clouds, Rain Rainfall nearly complete, balance of observations very much broken previous to 1880.
	FLOYD.											
V O	New Albany	38	17	85	50	353	4	4x	Apl'56	Mar'69		Smithsonian Collection.
M D	" "						1	2x	Jan'64	Apl'65		Bar., Temp., Hyg., Wind, Weather, R.
W S	" "							9	Jul'82	Mar'83	T	Also one report for Jul'85.
	CLARK.											
W S	Blue Lick	38	32	85	50	1000	4	9x	Jun'82			Temp. from Aug'84
V O	New Providence	38	27	85	54			11x	Feb'88			Temp., Wind, Rain.
V O	Jeffersonville	38	18	85	42	427	1	0	Jan'19	Dec'19	T	Smithsonian Collection.
	POSEY.											
V O	New Harmony	38	10	87	54	350	2	5	'26	'28		Monthly averages. Sm. Col.
V O	" "						19	5	'50	'70	R	" " " "
V O	" "						18	9	Jun'53	Apl'73		Record complete except for Feb. & Apl'63. Sm. Col.
V O	" "						9	0	Jan'74	Mar'83		Bar., Temp., Hyg., Wind, Clouds, & Rain. Record complete except Jan. & Feb'75 & Sep'77.

X Record broken.

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		° ′	° ′							
	POSEY Con.									
W S	Mt. Vernon	37 58	87 52	410	2	10	Feb'87			Bar., Temp., (max.min.), Wind, Velocity, Clds., Rain. April, '89 missing.
W S	Mt. Vernon					3x	Aug'88	Dec'88		Summary.
Riv	" "				1	3	Oct'88		T	River & Rainfall observations.
	VANDERBURG.									
V O	Evansville	38 02	87 29	390	2	4	Jan'57	May'59		Temp. broken. Sm. Col.
Riv	"				12	9x	Mar'73		T	River & Rainfall observations.
V O	"					1	Jan'83	Jan'83		Bar., Temp., Wind, Clds., Rain.
	WARRICK.									
V O	Scalesville	38 14	87 14		1	6	Jul'88			Temp. (max.min.), Rain.
W S	Degonia Springs	38 06	87 12		7	4	Aug'82			Temp., from Sep'84.
	SPENCER.									
W S	Dale	38 13	87 00		5	10x	Jan'76	Dec'81	R	Table of monthly mean Temp.
W S	"				1	1x	Jun'82	Oct'83	T	
V O	St. Meinrad	38 13	86 45	600	7	1x	Oct'75	Nov'82		Bar., Temp., Wind, Weather, Clds. R
V O	" "				1	5	May'74	Sep'75	T	Smithsonian Collection.
W S	" "					1	Aug'87			
	PERRY.									
V O	Cannelton	37 58	86 45	450	4	2x	Jan'57	Jan'73		Smithsonian Collection.
W S	"				1	2	Nov'88			Temp. (max.min.) Rain.

X Record broken.

| | | |

Fragmentary Records of less than a year in length are on file from the

Following Stations:
I N D I A N A .

Station.	County	Station.	County
Annapolis	Parke	Leo	Allen
Attica	Fountain	Lebanon	Boone
Bluffton	Wells	Mishawaka	St. Joseph
Ballase	Jay	Notre Dame	St. Joseph
Bloomingdale	Parke	Noblesville	Hamilton
Connusky	Jennings	Newport	Vermillion
Clinton	Vermillion	Pierceetown	Kosciusko
Carthage	Rush	Romney	Tippecanoe
Earl Park	Benton	Tipton	Tipton
Farmers Institute	Tippecanoe	Sweetser	Grant
Greensburg	Decatur	Steam Corners	Fountain
Green Mount	Wayne	Saint Ann's	Jennings
Huntertown	Allen	St. Magdalene	Ripley
Kendallville	Noble	Valparaiso Warsaw	Porter Kosciusko.

Tabulation [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]
[illegible]

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	CHEROKEE	° ′	° ′						
M D	Fort Reno	35 33	98 01	1300	5 0	Jan'83	Dec'87		Bar.temp(max-min)hyg.rain. wind.
S S	"	35 33	98 01	1300	7 0	Jan'83			Temp(max-min).rain.wind.
M D	Camp Supply	36 33	99 32	1901	3 11	Jul'73	May'76		Temp(max-min)rain.hyg.wind.
S S	"				9 0	Jan'81			Temp(max-min)rain.wind.
S S	Woodward	36 20	99 18		1 5x	Mar'88	Oct'89	T	Rain(Spec.rainfall)
	CHEYENNE AND ARAPAHOES								
S S	Cantonment	36 06	98 38		0 10	Jan'84	Oct'84		Temp(max-min).rain.wind.
S S	"				1 7	Mar'88		T	Rain(Spec.rainfall)
	CHEROKEE								
V O	Fort Gibson	35 50	95 20	540	29 9x	Jul'27	Jun'57		Sm.Col.temp.rain.
S S	"				9 1	Apl'73	Apl'82		Full Observations.
M D	"				3 8	May 86			Temp.rain.
	OKLAHOMA								
V O	Guthrie	35 55	97 25		0 9x	Apl'89			Temp.rain.
	CREEK NATION								
S S	Eufaula	35 22	95 35	617	2 5	Aug'87		T	Rain(Spec.Cotton region)
S S	Tulsa	36 00	95 56		2 5	Aug'87		T	Rain(Spec.rainfall)
	KIOWA etc.								
M D	Fort Sill	34 40	98 23	1200	10 7x	Apl'70			Bar.temp(max-min)rain.wind.
S S	"				14 3	Oct'75			Full observations.
	CHICKASAW								
V O	Fort Arbuckle	34 50	97 22	1000	11 8	Oct'50	Aug'70		Sm.Col.temp.rain.
M D	"				3 9x	Jan'60	Aug'69		Temp.hyg.rain.wind.
V O	Fort Washita	34 14	96 38	645	16 3x	Jun'43	Mar'61		Sm.Col.temp.rain.
	CHOCTAW								
V O	Armstrong Academy	34 07	96 12		4 0	Jan'50	Dec'53	R	Average temp,Sm.Col.
V O	Caney	34 20	96 05	530	1 0	Jan'60	Dec'60	R	Mean temp. Sm.Col.
V O	Caddo Creek	34 05	96 10	705	1 1	Nov'88		R	Temp.wind.
V O	Fort Towson	34 00	95 12	300	18 2x	Jul'32	Apl'54		Temp.rain. Sm.Col.

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List of Stations having less than one year's record and which are not now in operation.

Station	County
Baptist Mission	Chickasaw
Goodwater Mission	Choctaw
Healdton	Chickasaw
Jimtown	Chickasaw
Lee's Creek	?
Lehigh	Choctaw
Liddle	Choctaw
Oklahoma	Choctaw

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	OSCEOLA.	° ′	° ′							
W S	Sibley	43 24	95 43		5	5x	Oct'75	Dec'86		
	DICKINSON.									
W S	Spirit Lake	43 25	95 06		1	1x	Jan'79	Jan'81	T	
	KUSSUTH.									
V O	Algona	43 15	94 05		1	10	Dec'73	Oct'75		Temp.Wind,Clds.Rain.
V O	"				11	3x	Jun'61	Dec'73		Smithsonian Collection.
W S	"				9	3x	Oct'75	Mar'87		
V O	Bancroft	43 20	94 15	1170	3	10	Dec'85			Bar.T.(max.min.)Wind,Clds.Rain.
W S	Wesley	43 07	94 10		8	9	Apl'79	Dec'87		
V O	"				2	0	Jan'88			Temp.(max.min.) Wind, Rain.
W S	Wesley Town'sp.				4	7x	Apl'79	Dec'86		
	MITCHELL.									
V O	Osage	43 17	92 49			7x	May'66	Jan'67		Smithsonian Collection.
W S	"				5	4x	Dec'75	Mar'83	T	
V O	"				2	0	Jan'88		T	
W S	St. Ansgar	43 22	92 55		4	0x	Jan'81	Dec'86		
	HOWARD.									
V O	Cresco	43 32	92 10	1855	3	3	Nov'71	Dec'74		Smithsonian Collection.
V O	"				15	8x	Jan'74			Bar.Temp.Wind,Clouds,Rain.
	WINNESHEIK.									
V O	Fort Atkinson	43 09	92 00	700	4	5x	Jan'42	May'46		Smithsonian Col.(Rain broken).
W S	Decorah	43 17	91 47		4	4x	Sep'78	Dec'83		
V O	Hesper	43 30	91 46	720		9	Jul'60	Mar'61		Smithsonian Collection.
W S	"				2	0	Jan'78	Dec'79	T	
	ALLAMAKEE.									
V O	Rossville	43 10	91 21	1400	2	2	Nov'57	Dec'59		Smithsonian Collection.
V O	Waukon	43 16	91 29		1	3x	Apl'69	Dec'70	R	" "
W S	"				8	3x	Oct'75	Dec'86		
	O'BRIEN.									
W S	Sanborn	43 10	95 38		1	2x	Feb'82	Oct'83		
	PALO ALTA.									
V O	West Bend(near)	43 00	94 26		2	1x	Apl'83			Bar.Temp.Wind,Clouds,Rain.
W S	" "					7	Apl'79	Oct'79		
	HANCOCK.									
W S	Concord	43 06	93 36		5	7x	Jan'76	Dec'86		

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	CERRO GORDO.	° ′	° ′						
W S	Clear Lake	43 00	93 30	870	10x	Apl'78	Feb'81		
V O	" "				1 3	Jan'88	Mar'89		T.(max.min.) Wind, Clds. Rain.
	FLOYD,								
W S	Charles City	43 05	92 43		6 10x	Oct'75	Dec'83		
V O	Marble Rock	42 58	92 52		2 1x	Jan'67	Dec'73		Sm. Col.(The Woodlands).
V O	Nora Springs	43 09	93 00	600	8 7	Jul'75	Feb'84		Bar.Temp.Wind,Clouds,Rain.
V O	Rockford	43 03	92 56		5 8x	Jan'68	Dec'73		Sm. Col. (The Woodlands).
V O	Rockford	43 00	93 00	962	3 8x	Jan'74	Aug'77		Temp. Wind,Clouds,Rain.
	CHICKASAW.								
W S	Nashua	42 56	92 30		4 8x	Apl'78	Dec'86		
V O	"				9 9	Apl'78	Dec'87		Temp. Wind, Clouds, Rain.
	PLYMOUTH.								
W S	Le Mars	42 47	96 09		4 4x	Jun'76	Dec'83	T	
	CHEROKEE.								
W S	Cherokee	42 40	95 32		2 4	Oct'75	Jan'78	T	
V O	Larabee				2	Nov'89			Temp.(max.min.) Rain.
	BUENA VISTA.								
W S	Storm Lake	42 52	95 31		2 10	Nov'76	Aug'79	T	
V O	" "				6	Jul'89			
	POCAHONTAS.								
V O	Rolfe	42 50	94 28		2 0	Feb'68	Jan'70		Smithsonian Collection.
W S					2 4x	Oct'75	Dec'79	T	
	HUMBOLDT.								
V O	Corinth Town'p	42 40	94 20	1050	2 6x	Sep'82	Mar'85		Temp. Wind, Clouds, Rain.
V O	Humboldt	42 40	94 08	1100	4 1x	Jan'85			Temp. Wind,Clouds, Rain.
	WRIGHT.								
V O	Eagle Grove	42 39	93 54		8	May'89			Temp.(max.min.) Rain.
	FRANKLIN.								
W S	Hampton	42 30	93 20		2 8x	Feb'77	Jun'81		
V O	"			1200	1 9	Apl'88			T.(max.min.) Wind, Clds. Rain.
	BUTLER.								
W S	Greene	42 54	92 47		1 1	Dec'75	Dec'76	T	
	BREMER.								
V O	Franklin	42 45	92 11		4 3x	May'56	Apl'62	R	Smithsonian Collection.

X Record broken.

													CEDAR GROVE.
W	2	Clear Lake		45	00	93	30	270		10x	Apl'78	Feb'81	
W	3	"	"						1	3	Jan'88	Mar'89	T.(max.min.) Wind, Clds. Rain.
													MAYD.
W	3	Charles City		45	06	92	45		6	10x	Oct'78	Dec'85	
W	0	Martin Rock		45	23	92	32		2	1x	Jan'67	Dec'75	Dr. .Col.(The Woodlands).
W	0	Nora Springs		45	08	93	00	800	8	7	Jul'78	Feb'84	Dur.Tem.Wind,Clouds,Rain.
W	0	Woolford		45	02	92	24		5	8x	Jan'80	Dec'78	Dr. . Col. (The Woodlands).
W	0	Rockford		45	00	93	00	982	3	8x	Jan'74	Aug'77	Tem. Wind,Clouds,Rain.
													CHEROKEE.
W	3	Marbura		42	56	92	30		4	8x	Apl'78	Dec'86	
W	0	"							9	9	Apl'78	Dec'87	Temp. Wind, Clouds, Rain.
													FLYNDUTN.
W	3	Le Mars		42	47	96	09		4	4x	Jun'76	Dec'82	T
													CHEROKEE.
W	3	Cherokee		42	40	95	32		2	4	Oct'75	Jan'78	T
W	0	Larrabee								2	Nov'89		Temp.(max.min.) Rain.
													DUBUQUE VISTA.
W	3	Storm Lake		42	39	95	31		2	10	Nov'78	Aug'79	T
W	0	"								6	Jul'09		
													FOUNDONTAA.
W	0	Rolfe		42	50	94	38		3	0	Feb'82	Jun'70	Smithsonian Collection.
W	2								2	4x	Oct'78	Dec'79	T
													GREENLEY.
W	0	Corning Town'p		42	40	94	20	1060	3	8x	Sep'02	Mar'85	Temp. Wind, Clouds, Rain.
W	0	Nodaway		42	40	94	08	1100	4	1x	Jan'05		Temp. Wind,Clouds, Rain.
													WYCOFF.
W	0	Eagle Grove		42	39	93	54			8	May'89		Temp.(max.min.) Rain.
													HAMPTON.
W	3	Hampton		42	30	93	20		2	8x	Feb'77	Jun'81	
W	0	"						1300	1	9	Apl'88		T.(max.min.) Wind, Clds. Rain.
													DRIGGS.
W	3	Grafton		42	34	92	47		1	1	Dec'75	Dec'78	T
													LUCZON.
W	0	Franklin		42	45	92	12		4	5x	May'86	Apl'02	W .Smithsonian Collection.

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	BREMER (con.)	° ′	° ′						
W S	Waverly	42 43	92 28		1 9x	Feb'78	Jul'81		Temp. for 3 months.
	FAYETTE.								
W S	Brush Creek	42 44	91 41		5 0x	Jan'79	Dec'86		
W S	Clermont	42 58	91 38		8 3x	Oct'75	Dec'86		
V O	Fayette Village	42 51	91 51	1000	1 1x	Oct'59	Nov'60	R	
V O	Fayette	42 50	91 49		1 7	Jun'88			T.(max.min.)Wind,Clds.Rain.
V O	Maynard	42 46	91 52		1 4	May'84	Aug'85		Temp. Wind, Clds. Rain.
V O	West Union	42 58	91 50	1250	4 10	Jul'69	Nov'74		Smithsonian Collection.
W S	" "				11x	Jan'76	Jul'82	T	
V O	" "			1155	2 9x	Mar'74	Dec'87		Bar.Temp.Wind,Clds.Rain.
	CLAYTON.								
V O	Ceres	42 49	91 12	825	3 1	May'65	May'68		Sm . Col.-Temp. and 2 mos.Rain.
W S	Elkader	42 50	91 55		11 0	Jun'77	Dec'87		Temp, Wind & Rain.
V O	"				2 0	Jan'88			Temp. Wind, Clds, Rain.
W S	Garnavillo	42 52	91 15		7 1	Dec'79	Dec'86		Temp. Wind & Rain.
V O	Guttenburg(near	42 46	91 09	800	1 7x	Aug'64	Mar'66	R	Smithsonian Collection.
V O	Guttenburg				7 9x	Jan'66	Dec'73		do.
W S	"				2 11x	Oct'75	Aug'78	T	
V O	"				11 10x	Jan'74	Dec'85		Temp. Wind,Clouds, Rain.
W S	Mc Gregor	43 00	91 11		8 1x	Dec'75	Dec'86		
V O	"				3	Jul'89	Sep'89		
W S	Strawberry Pt.	42 39	91 32		2 5	Oct'75	Feb'78	T	
	WOODBURY.								
V O	Sioux City	42 35	96 27	1258	4 1x	Aug'57	May'64		Smithsonian Collection.
M D	" "				6	Dec'63	May'64		Temp. Wind, Clouds, Rain.
W S					3 4x	Oct'75	Dec'81		Rain & Temp for 4 months.
Riv	" "	42 29	96 24	1153	1 1x	Dec'87	Jun'89		Stage of River & Rainfall.
S S	" "				6	Jul'89			2d Order.
W S	Smithland	42 14	95 37		8 9x	Apl'78	Dec'87		Temp. Wind, Rain.
V O	"	42 12	95 46		1 0	Jan'88	Dec'88		Temp. Wind, & Rain.
W S	Wolfdale				2 0x	Nov'81	Dec'86		
	I D A.								
W S	Ida Grove	42 24	95 30		7 9x	Aug'78	Oct'87		

X Record broken.

												BRENTON (con.)
3	Yarrly	42	45	92	28				I	9x	Feb'78	Jul'81	Temp. for 3 months.
	MONROE.											
3	Brush Creek	42	44	91	41				5	0x	Jan'79	Dec'86	
3	Clermont	42	38	91	38				8	1x	Oct'75	Dec'86	
0	Paoette Village	41	91	91		1000			I	1x	Oct'59	Nov'80	R
0	Paoette	42	30	91	49				I	7	Jun'88		T.(max.min.)Wind, Clds.Rain.
0	Imperial	42	48	91	32				I	4	May'84	Aug'85	Temp. Wind, Clds. Rain.
0	West Union	42	38	91	30	1250			4	10	Jul'03	Nov'74	Smithsonian Collection.
3	"									11x	Jan'73	Jul'82	T
0	"					1155			2	9x	Mar'74	Dec'87	Bar,Temp.Wind,Clds.Rain.
	CLAYTON.												
0	Cures	42	49	91	12	825			3	1	May'05	May'08	Sm . Col.-Temp. and 2 mos.Rain
3	Elkader	42	50	91	33				11	0	Jun'77	Dec'87	Temp, Wind & Rain.
0									2		0Jan'88		Temp. Wind, Clds, Rain.
3	Garnavillo	42	52	91	15				7	1	Ire'79	Dec'88	Temp. Wind & Rain.
0	Guttenberg-Ac	46	31	09		800			I	7x	Aug'44	Mar'86	R Smithsonian Collection.
0	Guttenberg								7	9x	Jan'06	Dec'73	do.
3	"								2	11x	Oct'73	Aug'78	T
0	"								11	10x	Jan'74	Dec'85	Temp. Wind, Clouds, Rain.
3	Ne Gredor	43	00	91	11				8	1x	Dec'75	Dec'86	
0	"								3		Jul'33	Sep'89	
3	Strawberry Pt.	42	39	91	32				2	5	Oct'75	Feb'78	T
	WOODBURY.												
0	Sioux City	42	35	96	27	1283			4	1x	Aug'57	May'84	Smithsonian Collection.
0	" "								6		Dec'63	May'84	Temp. Wind, Clouds, Rain.
3									3	4x	Oct'75	Dec'81	Rain & Temp for 4 months.
3	" "	42	29	96	24	1153			I	1x	Dec'07	Jun'89	Stage of River & Rainfall.
3	" "								6		Jul'89		24 Order.
3	Smithland	42	14	95	37				8	9x	Jul'78	Dec'87	Temp. Wind, Rain.
0	"	42	12	95	48				I	0	Jan'88	Dec'88	Temp. Wind, & Rain.
3	Wolfdale								2	0x	Nov'81	Dec'89	
	I D A.												
3	Ida Grove	42	24	95	30				7	9x	Aug'78	Oct'87	

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	SAC.	° ′	° ′							
V O	Auburn	42 16	94 51		3	4x	Jan'79	Jun'88		Temp.Wind Clds.Rain (Formerly Grant City).
V O	Grant City	42 15	94 53	1200	3	9x	Mar'69	Apl'73		Smithsonian Collection.
W S	" "				7	7x	Oct'75	Dec'86		
W S	Grant Township				4	7x	Jan'73	Dec'83		
V O	Sac City	42 25	95 00	900	2	0x	Apl'70	Jul'72		Smithsonian Collection.
W S	" "				6	11x	Nov'75	Dec'86		
V O	" "				10	9	Jan'79			Temp.Wind, Clds. Rain.
	CALHOUN.									
W S	Ead's Grove	42 16	94 32		2	9x	Jan'81	Dec'83		
W S	Manson				2	7	Jun'77	Dec'79	T	
V O	"	42 30	94 31	1260	2	0	Jan'88			Temp.Wind, Clds. Rain.
	WEBSTER.									
V O	Borden Plains	42 24	94 00		3	3	Jul'56	Sep'59		Smithsonian Collection.
V O	Fort Dodge	42 31	94 12	380	4	1x	Aug'51	Mar'69		Also called Ft.Clarke (Sm.Col.
V O	Ft. Dodge (near)			1040	1	4x	Dec'78	Aug'80		Temp.Wind,Clds.Rain.
W S	" "				5	9x	Oct'75	Jun'82		
	HAMILTON.									
V O	Webster City	42 23	93 49	1500	1	2	Jan'70	Feb'71		Rain for 5 mos. (Sm . Col.)
W S	" "				2	5x	Jul'76	May'86		
V O	" "	42 30		900	2	7x	Jan'76			Temp. Wind, Clds. Rain.
	HARDIN.									
VO	Iowa Falls	42 30	93 21	1600	8	0x	Nov'63	Apl'72		Near Spring Grove (Sm . Col.)
	BLACK HAWK.									
V O	Blakeville	42 35	92 13		1	0	Jan'89			
V O	Waterloo	42 31	92 24	666	6	5x	Jan'63	Aug'70		Smithsonian Collection.
V O	"	42 30	92 20			10x	Apl'74	Mar'75	R	
W S	"				8	3x	Oct'75	Dec'86		
	BUCHANAN.									
V O	Brookside	42 25	92 00		11	3x	Apl'62	Dec'74		Smithsonian Collection.
W S	"	42 29	91 50		4	11x	Dec'73	Feb'79		Same as Byrod Township.
V O	Independence	42 29	91 57	850	10	4x	Nov'61	Nov'73		Smithsonian Collection.
W	"				7	10x	Oct'75	Dec'86		
V O	"				16	0	Dec'73			Bar.T.(max.min.)Wind.Clds.R.
V O	Quasqueton	42 23	91 23	888	2	7	Dec'53	Jun'56		Rain broken. Sm . Col.

X Record broken.

0	Auburn	42	12	94	51			3	5x	Jan'73	Jan'00				Temp.Wind Clds.Rain (Forecast)
															Front Dlfy).
0	Grand City	42	12	98	52	1200	E		3x	Jul'72	Jul'72				Smithsonian Collection.
	"							7	7x	Oct'72	Dec'00				
2	Great Tomahawk							4	7x	Jan'73	Dec'83				
0	San City	42	39	30	00	800	3		0x	Apr'70	Jul'72				Smithsonian Collection.
2	" "							4	11x	Nov'72	Dec'00				
0	" "						10	3		Jan'73					Temp.Wind, Clds. Rain.
3	Bad's Grove	42	18	94	52			2	5x	Jan'21	Dec'32				
3	Burton							3	7	Jan'72	Dec'72	T			
0	"	42	30	94	51	1200	2	0		Jan'32					Temp.Wind, Clds. Rain.
0	Arkansas Plains	42	24	94	00		8	5		Jul'50	Sep'59				Smithsonian Collection.
0	Sport Dodge	42	21	94	12	400	4	1x		Apr'81	Mar'00				Also valid Pl.Clarke (Sa.Col.)
0	Ft. Dodge (Lewis)					1040	1	4x		Dec'70	Aug'00				Temp.Wind,Clds.Rain.
2	" "						5	3x		Oct'72	Jan'03				
0	Wabaka City	42	30	00	49	1800	1	2		Jun'70	Feb'71				Rain for 3 mos. (Sa. . Col.)
1	" "						2	0x		Jul'70	Nov'86				
0	" "	42	30			800	2	7x		Jan'74					Temp. Wind, Clds. Rain.
0	Iowa Falls	42	30	93	11	1000	3	0x		Nov'85	Apr'72				Near Spring Grove (Sa. . Col.)
0	Hillsville	42	32	92	15		1	0		Jan'00					
1	Statylin	42	32	92	24	800	3	3x		Jan'82	Apr'70				Smithsonian Collection.
0	"	42	30	92	20			10x		Apr'74	Mar'72	R			
1	"						3	5x		Oct'72	Dec'86				
0	Cherokee	42	32	92	00		11	2:		Apr'82	Dec'74				Smithsonian Collection
1	"	42	32	91	30		4	11x		Dec'72	Feb'75				Same as Byron Township.
0	Lighthouse	42	30	91	27	880	10	4x		Nov'01	Nov'72				Smithsonian Collection.
	"						7	10x		Oct'73	Dec'80				
0	"						10	0		Dec'72					Max.T.(max.min.)Wind.Clds.R.
0	Sharpsville	42	32	91	21	810	3	7		Dec'82	Jun'80				Rain Breaks. Sa . Col.

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	DELAWARE.	° ′	° ′							
V O	Forestville	42 40	91 32		3	4x	Jun'59	Apl'63	R	(Richland) Smithsonian Col.
V O	Hopkinton	42 22	91 20			7	Nov'72	May'73		Smithsonian Collection.
W S	"				6	2x	Jun'77	Dec'86		
V O	Manchester	42 29	91 38	925	1	4	Sep'65	Dec'66		Smithsonian Collection.
W S	"				2	1x	Oct'75	Aug'83		Rain & 2 months of Temp.
V O	"	42 30	91 32	950	3	0x	Aug'83	Oct'86		Bar.T(max.min.)Wind,Clds.Rain.
V O	Poultney	42 40	91 21		3	9x	Apl'53	Jun'59		Smithsonian Collection.
	DUBUQUE.									
V O	Dubuque	42 30	90 40	680	17	3x	Jan'53	Dec'71		Smithsonian Collection.
W S	"				8	3x	Oct'75	Dec'86		
S S	"	42 30	90 44	651	16	6	Jul'73			2d Order.
W S	Farley	42 27	91 00		1	10x	Nov'79	Aug'82	T	
	MONONA.									
V O	Onawa	42 02	96 09	1000		8	Feb'64	Sep'64	R	Smithsonian Collection.
W S	"				6	9x	Oct'75	Dec'86	T	
	CRAWFORD.									
V O	Denison	41 57	95 18		1	2x	Jan'74	Aug'76		
W S	"				1	7x	Oct'75	Jul'79	T	
V O	Vail	41 50	95 10		6	4	Jan'75	May'81		Temp. Wind, Clds. Rain.
	CARROLL									
W S	Carroll	42 35	94 05	944	1	8	Jan'76	Aug'77	T	
V O	"					5	Aug'89			Temp.(max.min.) Rain.
	GREENE									
V O	Dana	42 07	94 04	1600	1	1x	Jun'81	Oct'82	T	Wind,Clds. & Rain.
W S	Grand Junction	42 02	94 15		4	3x	Oct'75	Dec'81	T	
W S	Jefferson T'sp.	42 01	94 23		3	9x	Apl'79	Dec'83		
	BOONE.									
V O	Boonesborough	42 04	93 55	1160	5	5x	Nov'67	Dec'74		Smithsonian Collection.
V O	"				4	9x	Apl'74	Jan'81		Temp.Wind,Clds.Rain.
	STOREY.									
V O	Ames (6miles N)	42 07	93 35	790		7x	Sep'69	Oct'71		Smithsonian Collection.
V O	Ames	42 00	93 38	1000	9	8	Sep'75			Bar.Temp.Hyg.Wind,Clds.Rain.
W S	"				7	2x	Oct'75	Dec'86		
	MARSHALL.									
W S	Albion	42 08	93 00		9	1	Dec'75	Dec'84		
V O	"					6x	Feb'87	Feb'89		Temp.Wind,Clds.Rain.

X Record broken.

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	MARSHALL (con).	° ′	° ′						
W S	Marshalltown	42 00	93 10		5 10x	Oct'75	Dec'86		
	TAMA.								
W S	Dysart	42 10	92 20		11 5x	May'76	Dec'87		
V O	"	42 02	92 25		1 8	Jan'88	Aug'89		Temp. Wind, Clds. Rain.
	BENTON.								
V O	Belle Plain	41 54	92 17		5	Aug'89			Temp. (max. min.) Rain.
W S	Blairstown	41 54	92 05		6 4x	Oct'75	May'83		
W S	Florence	41 55	91 54		2 5x	Dec'75	Jan'79	T	
W S	Van Horn	42 00	92 04		1 0	Jan'86	Dec'86		
V O	Vinton	42 10	92 02	607	8	May'69	Dec'69		Smithsonian Collection.
V O	"	42 00	92 00	850	1 10	Mar'88			Temp. Wind, Clds. Rain.
W S	"				4x	Oct'79	Jan'81	T	
	LINN.								
V O	Cedar Rapids	41 58	91 40	768	7 5x	Jan'82			Bar. T. (max. min.) Hyg. Wind. Cld. R.
S S	" "	41 57	91 39		2 6	Jul'87		T	Rainfall station.
V O	Mt. Vernon	41 58	91 28	859	13 2x	Oct'51	Dec'73		Smithsonian Collection.
W S	" "				1 9x	Oct'75	Dec'79	T	
V O	" "				11 4x	Jan'74			Bar. T. & R. (irregularly kept).
	JONES.								
W S	Anamosa	42 06	91 17		6 6x	Oct'75	May'83	T	
V O	Bowen's Prairie	42 16	91 09	800	3 7	May'63	Nov'71		Smithsonian Collection
V O	Monticello	42 15	91 15	880	6 1x	Jul'64	Feb'72		Smithsonian Collection.
V O	"				21 7x	Jan'54	Sep'75		(M.H.Moulton) Temp. & Rain.
V O	"	42 13	91 15	800	14 3	Oct'75			Temp. (max. min.) Wind, Clds. Rain.
W S	"				6 3x	Oct'75	Feb'83		
	JACKSON.								
V O	Bellevue	42 15	90 25		4 6x	Jan'56	Aug'60		Smithsonian Collection.
W S	"				4	Oct'75	Jan'76	T	
V O	Maquoketa	42 04	90 41		3x	Feb'57	Nov'57		Smithsonian Collection.
W S	"				5 6x	Dec'75	Dec'83	T	
V O	"	42 05	90 45	600	2 0	Jan'88			Temp. Wind, Clds. Rain.

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	HARRISON.	°	′	°	′							
V O	Harris Grove	41	39	95	47	900	7	4x	May'66	Nov'73		Smithsonian Collection.
V O	Logan	41		95		928	16	0	Jan'74			
W S	Logan						7	4	Oct'77	Dec'82	T	(Temp.for one year only).
V O	Whiteborough	41	40	95	44		1	0	Dec'67	Nov'68	R	Smithsonian Collection.
V O	Woodbine	41	45	95	42		2	1x	Jan'69	Sep'71		
	AUDUBON.											
W S	Hamlin	41	45	94	50		6	2x	Jul'77	Dec'86		
V O	"						7	0	Jan'81	Dec'87		Temp.Wind, Clds.Rain.
	DALLAS.											
W S	Adel	41	37	94	02		2	9x	Dec'75	Sep'78	T	
	POLK.											
V O	Des Moines	41	36	93	38		8	2x	Oct'43	Nov'74		Smithsonian Collection.
V O	" "							9	Feb'74	Nov'74	T	
V O	" "	41	35	93	40	849	8	4x	Apl'81			Bar.T.(max.min.)Clds,Rain.Obs. made 5 1-2 miles SE.Des Moines
S S	" "	41	35	93	37	869	1	0	Aug'77	Jul'78		Sunset.(T.Wind,Clds.Rain.).
S S	" "						11	5	Aug'78			2d Order station.
	JASPER.											
V O	Newton	41	42	93	03	1400		6	Aug'69	Jan'70		Smithsonian Collection
W S	"						5	4	Jan'78	Apl'83		Temp.Wind,Rain.
	POWESHEIK.											
W S	Grinnell						4	1x	Apl'76	Nov'83		
V O	"	41	44	92	44	1043	1	3	May'83			Bar.T.(max.min.)Hyg.Wind.Cld.R
	IOWA.											
W S	Amana	41	47	91	55		11	3	Oct'75	Dec'83		Bar.(max.min.Temp.)Wind,Rain.
V O	"						1	10	Mar'83			Temp.(max.min.)Wind,Rain.
V O	Homestead	41	45	91	53		4	0x	Jan'81	Dec'86		
W.S	South Amana	41	45	91	55		2	4x	Mar'78	Mar'82	T	Temp.for 3 mos. only.
W S	Stellapolis	41	40	91	59		1	4	Dec'78	Mar'80		(Now Williamsburg) T.R.& Wind.
	JOHNSON.											
V O	Iowa City	41	37	91	30	621	15	2x	May'56	Dec'74		Smithsonian Collection.
W S	" "						21	6x	Jan'60	Dec'86		Temp.to Apl'74 only
V O	" "	41	40	91	32	621	8	7x	Dec'72			

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	CEDAR.	° ′	° ′							
V O	Durant	41 36	90 57		1	1	Feb'71	Mar'72		Smithsonian Collection.
W S	"					7	Oct'75	Apl'76	T	
W S	Tipton	41 46	91 07		4	3	Oct'75	Dec'79	T	
V O	West Branch	41 33	91 21	710	1	4	Aug'71	Nov'72		(Near Cedar Bluffs).Sm.Col.
	CLINTON.									
V O	Clinton	41 50	90 10	630	12	3x	Apl'56	Jun'71		(Lyon's City or Comache)Sm.Col.
W S	"				6	5x	Dec'75	Dec'86		
V O	"			591	11	1x	Sep'76			Bar.T.(max.min.) Wind, Rain.
	SCOTT.									
V O	Davenport	41 30	90 39	700	9	2x	Apl'58	Jul'72		Smithsonian Collection.
W S	"				8	3x	Oct'75	Dec'86		
S S		41 30	90 38	615	18	7	Jun'71			2d Order.
S S	Le Claire	41 35	90 18		10	5x	Nov'77			Rainfall & Stage of River.
V O	McCausland	41 39	90 19			5	Aug'89			Temp.(max.min.) Rain.
	POTTAWATTAMIE.									
V O	Carson	41 14	95 27			5	Aug'89			Temp.(max.min.) Rain.
V O	Council Bluffs	41 16		1329	9	10x	Jan'20	Dec'74		Smithsonian Collection.
V O	" "	41 16	96 50		3	8x	Jan'74	Apl'81		Temp.Wind,Clds.Rain.
W S					7	11x	Oct'75	Dec'86		
	CASS.									
W S	Atlantic	41 23	95 01		1	10x	Jun'76	Aug'81		
	ADAIR.									
V O	Vanter's Grove	41 18	94 34	1500	8	1	May'66	May'74		(Fontanello).Sm. Col.
V O	" "					5	Jan'74	May'74		Temp. Wind,Clds. Rain.
	MADISON.									
W S	Earlham	41 30	94 06		4	1	Dec'75	Dec'79		
	WARREN.									
W S	Hartford	41 27	93 24		1	1	Sep'81	Oct'82		
W S	Indianola				2	10x	Oct'75	Oct'78	T	
V O	"	41 22	93 33		3	5	Jun'82	Oct'85		T.(max.min.) Wind, Clds. Rain.
	MARION									
W S	Knoxville	41 19	93 06		2	7x	Dec'75	Mar'82		Rainfall and 6 months of Temp.
V O	Pella	41 30	92 55	730	1	11	May'54	Mar'56	R	

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	MAHASKA.	°	′	°	′							
W S	Oskaloosa	41	18	92	36	750	6	1x	Oct'75	Dec'83	T	
V O	"						6	5x	Apl'83			
W S	Rose Hill	41	19	92	26		1	8x	Jan'78	Jun'81		
	KEOKUK.											
W S	Sigourney	41	20	92	12		1	6x	Oct'75	Apl'79	T	
	WASHINGTON.											
W S	Crawfordsville	41	12	91	31		5	0x	Dec'75	Jan'82		
V O	Washington	41	17	91	45			2	Aug'61	Sep'61	R	Smithsonian Collection.
W S	"						2	7	Jan'77	Jul'79	T	
V O	"						9	8x	Oct'75			Temp. Wind, Clds. Rain.
	MUSCATINE.											
V O	Muscatine	41	26	91	05	586	35	0	Jan'39	Dec'73		Rainfall, Temp. broken. Sm. Col.
V O	"						16	0	Jan'74			Bar. to Dec'86.--T. (min.) Wind Clouds & Rain
S S	"	41	25	91	02		5	0x	Jun'82			River Station (River obs. from June, 1875.)
	LOUISA.											
W S	Columbus City	41	14	91	22		4	8x	May'79	Dec'86		
	MILLS.											
V O	Glenwood	41	04	95	42	1080	3	8x	Jan'75			Bar. Temp. Wind, Clds. Rain
W S	"						16	10x	Jan'67	Jun'84	R	(Rain missing except for ly. lm)
	MONTGOMERY.											
W S	Red Oak						2	3x	Aug'76	Sep'79	T	
V O	Red Oak Junc.	41	04	95	08			6x	Mar'72	Aug'72		Smithsonian Collection.
	UNION.											
V O	Afton	41	16	94	25	1223	2	7x	Feb'71	Dec'73		Smithsonian Collection.
V O	"						5	4	Jan'74	Apl'79		Temp. Wind, Clds. Rain.
W S	"							5x	Apl'82	Jan'83	T	
W S	Creston	41	03	94	22		2	0x	Jan'78	Nov'86		
W S	Cromwell	41	02	94	28	1200	1	3	Oct'75	Dec'76	T	
V O	"						1	6	Jan'88	Jul'89		Temp. Wind Clds. & Rain to Sep'88 after that date, Temp. & Rain.

X Record broken.

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		°	′	°	′							
	CLARKE.											
W S	Osceola						1	5x	Apl'82	Dec'83		
V O	"	41	02	93	45	1104	1	4	Jan'88	Apl'89		Bar. Temp. Wind & Rain.
	LUCAS.											
W S	Chariton	41	01	93	19		1	0	Jan'79	Dec'79	T	
	WAPELLO.											
W S	Ottumwa.	41	00	92	00	730	2	5x	May'76	Dec'79	T	
V O	"						1	8	Feb'84	Sep'85		T.(max.min.) Wind, Clds. Rain.
	JEFFERSON.											
V O	Brookville	41	04	92	05		11	5x	Jan'76	Dec'87		Temp. Wind, Clds. Rain.
W S	"						7	1x	Feb'76	Nov'86		
V O	Fairfield	41	01	91	57	940	4	7x	Jan'55	Dec'59		Smithsonian Collection.
W S	"						10	0x	Nov'75	Oct'86		
V O	"							6	Jan'83	Jun'88		Temp. Wind, Clds. Rain.
W S	Libertyville	40	57	92	02		3	0x	Aug'81	Dec'86	T	
V O	Pleasant Plain	41	07	91	55	950	9	7	Jan'56	Sep'65		Rain broken. Sm. Col.
	HENRY.											
V O	Mt. Pleasant	40	59	91	37		1	6x	Dec'63	Dec'71		Smithsonian Collection.
W S	" "						7	4x	Oct'75	Dec'86		
V O	" "	40	58	91	37	730	11	3x	Mar'78			Bar. Temp. Wind, Clds. Rain.
W S	New London	40	55	91	24		5	10x	Oct'75	Dec'86	T	
	DES MOINES.											
V O	Burlington	40	49	91	07	600	1	8x	Jan'59	May'68		Smithsonian Collection.
W S	"						5	7x	Oct'75	Jul'82		
	FREMONT.											
W S	Sidney	40	44	95	38		1	10x	Jan'79	Oct'81		
W S	Tabor	40	50	95	40	1200	4	3	Oct'75	Dec'79	T	
V O	"						4	2x	Mar'76	Jan'80		Bar. Temp. Wind, Clds. Rain.
	PAGE.											
V O	Clarinda	40	43	95	18	1044	2	8x	Jan'74			Temp. Wind Clds. Rain, and bar. from Dec'87.
V O	"	40	44	95	02		2	5x	Jan'65	Jun'74		Smithsonian Collection.
W S	"						2	6x	Dec'75	Nov'79	T	

X Record broken.

											DAVEN.
1	2	Dwenia							1	Ma	Ap'80 Dec'85
1	0	"	41	02	25	49	1104	1	4	Jan'80	Apr'80
											LEGAL.
1	2	Quartim	44	04	21	18		1	0	Jan'72	Dec'72
											RAFFLE.
1	2	Jaxwen.	41	02	22	30	720	2	7a	Aug'72	Dec'72
1	0	"						1	2	Feb'80	Sep'80
											ACCIDENT.
1	0	Tyonville	42	04	22	08		11	8a	Jan'72	Dec'72
1	2	"						7	12	Apr'72	May'72
1	0	Fairfield	42	01	21	27	840	4	7a	Jul'80	Jun'80
1	2	"						10	8a	Mar'72	Jul'72
1	0	"						8	Jan'80	Aug'80	
1	2	Lilwetyville	42	27	22	22		3	8a	Aug'71	Jul'72
1	0	Fiesta Club	42	07	21	10	888	8	7	Jan'72	Sep'72
											BEST.
1	0	Sn. Fiesta	42	19	21	27		1	8a	Dec'80	Nov'71
1	2	"						7	4a	Oct'72	Nov'80
1	0	"	42	02	21	27	720	11	3a	Jul'72	
1	2	Ever Loving	42	10	21	34		3	12a	Oct'72	Jan'73
											BIG LITTER.
1	0	Dwilight	42	42	21	27	720	1	9a	Jan'72	Aug'72
1	2	"						3	7a	Oct'72	Jul'72
											PRIORITY.
1	2	Tiney	42	04	21	23		1	12a	Jul'72	Jul'72
1	2	Tajor	42	30	22	22	1200	4	2	Oct'72	Jul'72
1	2	"						4	2a	Jul'72	Jan'72
											PACE.
1	2	Tiaiiln	42	22	23	19	1044	2	9a	Jul'72	
1	2	"	42	04	23	22		2	8a	Jan'80	Jun'74
1	2	"						2	6a	Jun'72	Nov'72

Dar. Tmp. Wind & Rain.

T

T

T,Dnsa.mtn.; Wind,Clds.Rain.

Tmp.Wind,Clds. Rain.

Rainfall Collection.

Tmp.Wind,Clds.Rain.

T

Rain Varies. Sn. Coll.

Rainfall Collection.

Dar.Tmp.Wind,Clds.Rain.

T

Rainfall Collection.

Dar.Tmp.Wind,Clds.Rain.

Tmp.Wind Clds.Rain,and Ice. Ifrom Nov'87.

Rainfall Collection.

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		° ′	° ′							
	DECATUR.									
W S	Garden Grove	40 50	93 34		4	1x	Nov'76	Mar'83	T	
W S	Leon	40 44	93 44		1	3x	Jul'78	Jan'81	T	
	WAYNE.									
W S	Corydon	40 43	93 20	1100	1	6x	Jan'78	Dec'79	T	
V O	"					5	May'86	Sep'86		Temp.(max.min.)Wind,Clds.Rain.
W S	Harvard				2	0x	Jan'83	Dec'86		
	APPANOOSE.									
V O	Centerville	40 45	92 55	1000		2x	Aug'74	May'75		Temp.Wind,Clds,Rain.
W S	"				3	3x	Dec'78	Mar'83		
	DAVIS.									
W S	Bloomfield	40 45	92 26		2	2x	Oct'75	Nov'81		
	VAN BUREN.									
W S	Keosanqua	40 44	91 57		3	3x	Oct'75	Dec'83		
	L E E.									
W S	Denmark	40 44	91 19		11	11x	Oct'75	Dec'87		
V O	"				1	7	Jan'88	Jul'89		Temp.Wind,Rain.
V O	Fort Madison	40 37	91 28	600	23	5	Mar'48	Nov'73		Smithsonian Collection.
V O	" "			503	16	0	Jan'74			(Obs.made 4 miles NW.of)Temp. max.min.Wind,Clds.Rain.
V O	Keokuk	40 25	91 21	600		8x	Jan'54	Feb'67	R	Smithsonian Collection.
S S	"	40 22	91 26	618	18	3	Jul'71			2d Order (River & full met.obs)
W S	East Lucas Township				2	10x	Jan'81	Dec'83		
W S	Homedale				2	5x	Oct'81	Aug'86		
W S	Lucas Township				2	7x	Jan'78	Aug'81	T	
W S	New Hope Township				4	3	Oct'75	Dec'79	T	
W S	Penn College				1	3x	Jan'78	Jul'79	T	
W S	Sherman Township				6	9x	Jan'77	Dec'86		
W S	Union Township				1	3	Jan'78	Aug'79	T	

X Record broken.

Fragmentary Records of less than a year in length are on file from the

Following Stations:
I O W A .

Station.	County	Station	County	Station	County
Albia	Monroe	Estherville	Emmet	Packwood	Jefferson
Anita	Cass	Floris	Davis	Perry	Dallas
Atalissa	Muscatine	Forest City	Winnebago	Plum Springs	?
Bangor	Marshall	Fort Crogan	Pottawattamie	Rippey	Greene
Baxter	Jasper	Fredericksburg	Chickasaw	Round Grove	Scott
Bonaparte	Van Buren	Gillett	Clay	St. Joseph	Kossuth
Brighton	Washington	Grainville	Wayne	St. Mary's	Warren
Brooklyn	Poweshiek	Grand View	Louisa	Shelby	Shelby
Castana	Monona	Horace	Audubon	Spauldings	Union
Cedar Bluffs	Cedar	Jefferson	Greene	Steamboat Rock	Hardin
Cedar Falls	Black Hawk	Lizzard	Pocahontas	Swan Lake	Emmet
Coal Creek	Keokuk	Marshall		Tiffin	Johnson
Dunkerton	Black Hawk	Millersburg	Iowa	Urbana	Benton
Dakota	Humboldt	Mineral Ridge or Ridgeport	Boone	Vernon Springs	Howard
Dallas Centre	Dallas			Villisca	Montgomery
Dowville	Crawford	Mt. Ayr	Ringgold	Waukee	Dallas
Eldora	Hardin	Nor. Liberty	Johnson	Winterset	Madison
Emmet	Emmet	Otley	Marion	Wolf Creek Township	?
Eugene	Ringgold	Panora	Guthrie	Woodlawn	?

Frequently inquiry of less than a year in Imports are on file from the

INTERNAL REVENUE
I O W A .

Station.	County	Station	County	Station	County
Adair	Madison	Glenwood	Mills	Farmersburg	Clayton
Adair	Cass	Atlantic	Dallas	Fort	Polk
Adair	Guthrie	Fort Dodge	Webster	Fort Dodge	Webster
Adair	Madison	Fort Dodge	Webster	Hopkinton	Delaware
Adair	Jasper	Fort Madison	Lee	Mount Ayr	Ringgold
Adair	Van Buren	Galva	Ida	Ida Grove	Ida
Adair	Washington	Garnavillo	Clayton	Keokuk	Keokuk
Adair	Franklin	Grand View	Louisa	Mt. Mary's	Muscatine
Adair	Boone	Hotna	Adams	Shelby	Shelby
Adair Forest	Cedar	Jefferson	Greene	Springbrook	Union
Adair Falls	Black Hawk	Elkhard	Tama	Grand Junction	Marshall
Adair Creek	Fremont	Fontanelle	.	Stan Lake	Emmet
Adamson	Allen Lake	Milliersburg	Iowa	Ottumwa	Jefferson
Adair	Shenandoah	Shiloh Corner	Shelby	Upham	Butler
Adair Center	Dallas	Ft. Madison	Lee	Vernon Springs	Howard
Adair	Clarinda	Mt. Ayr	Ringgold	Williams	Montgomery
Adair	Guthrie	Eva. Lisbon	Johnson	Walker	Dallas
Adair	Boone	Delay	Linn	Kinsley	Boone
Adair	Clinton	Fairfax	Linn	Half Moon Township	
Adair				Hamilton	

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	DECATUR	° ′	° ′							
V O	Allison	39 33	100 17	2515	6	3	Oct'83			Temp.wind.clds.rain.
S S	Oberlin	39 48	100 32		2	4	Sep'87		T	Rain(Spec.rainfall)
	PHILLIPS									
S S	Kirwin	39 40	99 08		2	4	Sep'87		T	Rain(Spec.rainfall)
	JEWELL									
W S	Burr Oak	39 52	98 20		1	2	Aug'88			Temp.rain.
V O	Mankato	39 48	98 13	1795		3	Oct'89			Temp.rain.
	REPUBLIC									
V O	Belleville (Centre Mound)	39 50	97 37	1536	1	10x	Feb'72	Dec'73		Sm.Col.temp.rain.
V O	"				3	8x	Jan'74	Jun'87		Rain & noon temp.
W S	"				1	7x	Jul'87			Temp.rain.
S S	Waterville	39 40	96 42	1183	3	1x	Aug'77	Sep'80		Bar.temp.wind.clds.rain. (Sunset Station)
W S	"					9x	Jan'88	Nov'88		Temp.rain.
	NEMAHA									
W S	Seneca	39 51	96 02	1154	1	6	Jul'88			Temp.rain.
	BROWN									
W S	Horton	39 40	95 31	1186		11x	Jun'88			Temp.rain.
	DONIPHAN									
V O	Bendena	39 16	95 11		1	3	Oct'89			Temp.wind.rain.
V O	East Norway	39 48	95 1[illegible]		1	6	Aug'87	Jul'88		Temp.wind.rain.
	SHERMAN									
L T	Goodland(Eustis	39 20	101 39		1	9	Dec'80	Aug'88		Temp(max-min).rain.
	THOMAS									
V O	Colby	39 30	101 33	3562	1	1	Jul'81	Jul'89		Temp(max-min)wind dir.rain.
	GRAHAM									
V O	Fremont(formerly Athin)	39 21	100 06			9	May 89			Temp(max-min).rain.
	OSBORNE									
V O	Downs	39 00	98 25		12	0	Jan'73		T	Rain.
V O	Osborne	39 27	98 41			5	Aug'73	Dec'78		Sm.Col.temp.rain.
V O	"				2	4x	Nov'76	Apl'84		Temp.rain.
	MITCHELL									
W S	Cawker City	39 30	98 31		2	1	Sep'87			Temp.rain.

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	MITCHELL Con.-	° ′	° ′							
V O	Cawker City	39 30	98 31			11	Sep'88	Jul'89		Temp.rain.
	CLOUD									
S S	Concordia	39 35	97 41	1304	4	3	May 85			Full observations.
W S	"(near)				1	10x	Jan'88			Temp.rain.
	CLAY									
V O	Clay Centre	39 25	97 17	1200	4	4x	Jan'81	Aug'85		Bar.temp.wind.clds.rain.
V O	Wakefield	39 07	97 04	1152	3	8x	Jan'86			Temp.wind.rain.
	RILEY									
V O	Manhattan	39 12	96 37	1125	15	5x	Mar'57	Dec'73		Sm.Col.temp.rain.
V O	"				15	11x	Jan'74			Bar.temp(max-min)hyg.wind. clds.rain.
S S	"					7	Jan'76	Jun'76		Bar.temp(max-min)hyg.wind.clds. rain(Sunset Station)
S S	"				1	4x	Oct'87		T	Rain(Spec.River)
	POTTAWATOMIE									
V O	Havensville	39 30	96 03		1	7	Jun'88			Temp.rain.
V O	Westmoreland	39 23	96 24		2	0x	Apl'84	Nov'85		Temp.wind.rain.
	JACKSON									
V O	Holton	39 28	95 45	1023	3	7x	May 67	Dec'73		Sm.Col.temp.rain.
V O	"						Jan'74	Mar'85		Temp(max-min)wind.clds.rain.
	ATCHISON									
V O	Atchison	39 34	95 23	973	3	3x	May 85	Dec'73		Sm.Col.temp.rain.
V O	"				5	3x	Jan'74	Sep'83		Temp.wind.clds.rain.
	LINCOLN									
W S	Lincoln	39 00	98 03			4	Sep'88		R	Temp.
W S	Vesper	39 02	98 17			6x	Apl'89		T	Rain.
	DAVIS									
V O	Fort Riley	39 02	96 45	1072	6	2	Nov'53	Dec'59		Sm.Col.temp.rain.
M D	"				29	7x	Jan'60			Temp(max-min.)hyg.wind.clds. rain.
V O	"					10x	May 82	Apl'83		Temp.wind.rain.
V O	Junction City	39 02	96 51	1082		3x	Apl'62	Jun'82	R	Sm.Col.temp.
W S	"				1	0	Jan'89		T	Rain.
	SHAWNEE									
V O	Topeka	39 03	95 39	884	1	4x	Feb'53	Dec'73		Sm.Col.temp.rain.

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	SHAWNEE Con.-	° ′	° ′						
V O	Topeka	39 03	95 39	884	9 11x	Apl'70	Jun'87		Bar.temp.hyg.wind.clds.rain.
S S	"				2 7	Sep'87			Full observations.
	JEFFERSON								
V O	Williamstown	39 03	95 20	850	1 11x	Aug'70	Apl'73		Sm.Col.temp.rain.
	LEAVENWORTH								
V O	Fort Leavenworth	39 19	94 57	842	30 0	Jan'30	Dec'59		Sm.Col.temp.rain.
H D	"				24 3x	Jan'60			Bar.temp(max-min)hyg.wind. clds.rain.
H D	"(Mil.Prison)				1 1	Dec'83			Temp.rain.
V O	"				7 10x	Nov'57	May 71		Sm.Col.temp.rain.
S S	"				18 7	Jun'71			Full observations & river.
V O	West Leavenworth	39 19	94 58	808	4 3x	Nov'83	Jan'88		Bar.temp.hyg.wind.rain.
	WYANDOTTE								
V O	Kansas City (formerly Wyandotte)	39 08	94 40	707	3	Aug'59	Mar'60		Sm.Col.temp.rain.
V O	"				3 4x	Feb'84			Bar.temp(max-min)hyg.wind. clds.rain.
	WALLACE								
W S	Montero	38 52	101 57		3 4x	Jan'85	Mar'88		Temp.rain.
W S	Sharon Spr's	38 54	101 43		1 3x	Jan'88			Temp.rain.
V O	Fort Wallace	38 55	101 34	3518	3 1x	Jan'70	May 73	T	Rain.Sm.Col.
H D	"					Jun'73	Apl'82		Temp(max-min)wind.clds.rain.
W S	Wallace	38 54	101 35	3253	1 3x	Jan'85	Jul'86		Temp.rain.
S S	"				2 6	Jul'87		T	Rain(Spec.rainfall)
W S	Weskan	38 51	101 50		3	May 89			Temp(max-min).rain.
	LOGAN								
W S	Mc.Allaster	39 00	101 24		1 11x	Jan'88			Temp.rain.
W S	Monument	39 06	101 01	3180	4 10x	Jan'85			Temp(max-min).rain.
W S	Oakley	39 08	100 51		3 2x	Jan'88			Temp.rain.
W S	Sheridan	39 01	101 22	3108	2 2x	Jan'85	Oct'87		Temp(max-min).rain.
W S	Winona	39 03	101 14		2 2x	Feb'87			Temp(max-min).rain

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	GOVE	° ′	° ′						
W S	Buffalo Park	39 07	100 21	2755	4 0x	Jan'85			Temp.rain.
W S	Gove	38 58	100 30		1 3x	Jul'88	Oct'89		Temp.rain.
V O	"				2	Nov'90			Temp.rain.
W S	Grainfield	39 06	100 29	2811	4 2x	Jan'85			Temp(max-min).rain.
W S	Grinnell	39 07	100 36	2904	3 3x	Jan'85			Temp(max-min).rain.
W S	Quinter	39 04	100 14		2 5x	May'87			Temp.rain.
	TREGO								
W S	Collyer	39 02	100 07	2580	4 6x	Jan'85			Temp.rain.
V O	Eureka Ranch			2100	7 0	Jan'83		R	Temp.
W S	Gibson	39 42	100 09		2 0	Oct'87	Sep'89		Temp.rain.
V O	"				11	Sep;89	Jul'89		Temp(max-min)wind dir.rain.
W S	Ogallah	39 53	99 35		3 7x	Jan'85			Temp.rain.
W S	Walker	39 01	99 52	2453	3 3x	Jan'85			Temp(max-min).rain.
	ELLIS								
W S	Ellis.	38 56	99 33	2117	3 3x	Jan'85			Temp(max-min).rain.
M D	Fort Hays	38 50	99 21		15 5x	Aug'67	Oct'89		Bar.temp(max-min)hyg.wind. clds.rain.
W S	Hays City	38 52	99 20	1990	4 5x	Jan'85			Temp(max-min).rain.
W S	Victoria	39 51	99 03	1825	4 9x	Jan'85			Temp(max-min).rain.
	RUSSELL								
W S	Bunker Hill	38 52	98 31	1864	4 2x	Jan'85			Temp(max-min).rain.
W S	Lorrance	38 51	98 34	1750	4 5x	Jan'85			Temp(max-min).rain.
W S	Gorham	38 50	99 02	1912	3 10x	Feb'85			Temp.rain.
W S	Luray	39 07	98 37		6x	May 89		T	Rain.
W S	Russell	38 54	98 51	1882	4 3x	Jan'85			Temp(max-min)rain.
	DOUGLAS								
V O	Globe	38 43	95 24		3 2x	Nov'86			Temp.wind dir.rain.
V O	Lawrence	38 58	95 14	840	5 3x	Jul'57	Mar'87		Sm.Col.temp.rain.
W S	"				22 0	Jan'68			Bar.temp(max-min)wind.rain. (printed reports.)
V O	"				14 2x	May 72			Bar.temp(max-min)hyg.wind.rain.
V O	Leecompton	39 02	95 23	844	1 5x	Jul'89	Jul'89		Sm.Col.temp.rain.
	JOHNSON								
V O	Gardner	38 49	94 56	800	1 3x	Apl'80	Feb'82		Sm.Col.temp.rain.
V O	Morse	38 51	94 44	1065	6	Jul'73	Dec'78		Sm.Col.temp.rain.
V O	"				7 4x	Jan'74			Temp.wind.rain.

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	JOHNSON Con-	° ′	° ′						
V O	Olathe	38 52	94 50	1050	8 6x	Jan'64	Oct'72		Sm.Col.temp.rain.
	GREELEY								
V O	Tribune(12 mi	38 19	101 45		2 0	Jul'88			Temp(max-min)wind dir.rain.
	WICHITA								
V O	Leoti	38 29	101 21		1 8x	Jun'88			Temp(max-min)wind dir.rain.
	SCOTT								
W S	Scott City	38 [illegible]	100 55	1025	4x	Jul'89			Temp.rain.
	LANE								
W S	Shields	38 33	100 27		10x	Feb'89			Temp.rain.
	BARTON								
V O	Ellinwood (Great Bend)	38 21	98 35	1041	3 2x	Jul'74	Jun'79		Temp.hyg.wind.clds.rain.
"	"				1 7x	Mar'77	Dec'79		Temp.rain.
	ELLSWORTH								
W S	Ellsworth	38 44	98 15	1538	4 8x	Jan'85			Temp(max-min).rain.
M D	Fort Harker (Ft.Ellsworth)	38 44	98 15	1353	8 8x	Sep'68	Apl'72		Temp(max-min)hyg.wind.clds. rain.
W S	Carneiro	38 44	98 02		3 11x	May 85			Temp(max-min).rain.
W S	Kanopolis	38 42	98 00	1300	2 9	Jan'87			Temp(max-min).rain.
W S	Wilson	38 49	98 28	1700	4 10x	Jan'85			Temp(max-min).rain.
V O	"				1 2x	May 87	Aug'88		Bar.temp(max-min)hyg.wind. rain.
	SALINE								
W S	Brookville	38 49	97 51	1340	3 5x	Jan'85			Temp(max-min).rain.
W S	Salina	38 50	97 33	1225	2 9	Nov'73	Oct'73		Temp.rain.
V O	"				7 5	Aug'82			Temp(max-min)wind.clds.rain.
S S	"				2 4	Sep'87		T	Rain(Spec.rainfall)
	MORRIS								
V O	Council Grove	38 49	96 28	1258	8 2x	Jan'65	Nov'73		Sm.Col.temp.rain.
V O	"				2 6x	Dec'73	Apl'82		Temp.wind.clds.rain.
	RICE								
V O	Atlanta	38 20	98 15	1350	6	Jul'73	Dec'73		Sm.Col.temp.rain.
V O	"				2 4x	Jan'74	Aug'76		Temp.wind.clds.rain.
V O	Sterling	38 12	98 11	1035	2 3	Jul'84	Oct'86		Temp.wind.rain.

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	MC PHERSON	° ′	° ′						
W S	Conway	38 22	97 45	1527	1 6x	Apl'83			Temp.rain.
W S	Mc Pherson	38 22	97 40	1430	2 9x	Dec'76		T	Rain.
V O	"				4	May 83	Aug'83	T	Rain.
	MARION								
V O	Creswell	38 17	97 14	1375	6 7x	Jan'73	Mar'83		Temp.wind.clds.rain.
	CHASE								
W S	Strong	38 23	96 31	1172	2 2x	Jan'85	Apl'87		Temp(max-min).rain.
	LYON								
W S	Elco	38 13	96 19		1 1x	Jul'88	Oct'89		Temp.rain.
V O	Emporia	38 24	96 12	1132	1	May 62		R	Sm.Col.temp.
S S	"				1 6	Apl'79	Sep'80		Bar.temp.hyg.wind.clds.rain. (Sunset Station)
V O	"				9 x	Dec'80			Bar.temp(max-min)hyg.wind dir. rain.
	OSAGE								
V O	Burlingame(near	38 46	95 45	1043	5 8x	Jan'58	Nov'73		Sm.Col.temp.rain.
V O	"				3 6x	Jan'74	Aug'77		Temp.rain.
	FRANKLIN								
V O	Ottawa	38 37	95 17	890	8x	Nov'85	Feb'87		Temp.wind.rain.
W S	"				8x	May 88	Sep'89	T	Rain.
V O	Williamsburg	38 29	95 27		1 10	May 71	Feb'73		Sm.Col.temp.rain.
	MIAMI								
V O	Paola(near)	38 34	94 53	1160	4 3	May 69	Jul'73		Sm.Col.temp.rain.
	COFFEY								
V O	Avon & Burlington	38 12	95 35	775	2 0x	Apl'66	May 71		Sm.Col.temp.rain.
V O	Lebo (Marydale Farm)	38 22	95 51		3 0	Jan'87			Bar.temp(max-min)hyg.wind. rain.
V O	Le Roy (3½ S E)	38 04	95 36	994	4 9x	Jan'67	Dec'73		Sm.Col.temp.rain.
V O	"				2 11	Jan'74	Nov'76		Temp.wind.rain.
	KEARNEY								
W S	Lakin	37 57	101 13	2989	5	Aug'89			Temp.rain.
	FINNEY								
V O	Sherlock	37 59	100 58	2925	1 10	May 84	Dec'85		Temp.wind.rain.
	PAWNEE								
M D	Fort Larned	38 11	99 14	1932	16 6x	Sep'60	Jun'78		Temp(max-min)hyg.wind.clds. rain.

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	ATCHISON	° ′	° ′						
W S	Muckville	37 [illegible]	96 [illegible]		7x	Jul'88	Apr 89		Temp.rain.
V O	"				3x	Jun'89			Temp.rain.
	BARBER								
W S	Arlington	37 [illegible]	98 [illegible]		0x	Dec'88		T	Rain.
V O	Pretty Prairie	37 46	98 02	1730	3	Sep'82	[illegible]	T	Wind.elds.rain.
	BARTON								
W S	Halstead	37 50	97 29	1380	0	Jun'87			Temp.rain.
V O	Sedgwick	37 54	97 25	1330	5	Sep'73	Jun'78		Temp.wind.rain.
	BUTLER								
W S	Augusta	37 41	96 57	1212	11x	Nov'88			Temp.rain.
V O	Douglas	37 01	96 57		2 9x	Aug'70	Jun'78		Sm.Col.temp.rain.
V O	El Dorado	37 50	96 50		0x	Jun'73	Dec'73	R	Sm.Col.temp.
V O	"				2 0x	Feb'86	Apl'88		Temp(max-min)wind.rain.
V O	Holden(near) (Plum Grove)	37 50	97 00		2 0x	Jun'71	Apl'74		Sm.Col.temp.rain.
	CHASE								
V O	Neosho Falls	38 01	95 55	900	4 4x	Jan'59	Apl'70		Sm.Col.temp.rain.
V O	Yates Centre	37 53	95 43	1040	10 2	Nov'76			Temp(max-min)wind.elds.rain.
	ALLEN								
V O	La Harpe	37 53	95 19		1 3	Oct'88			Temp.wind dir.rain.
	BOURBON								
W S	Marmaton	37 51	94 40		0	Apl'89			Temp.rain.
V O	Fort Scott	37 51	94 41	812	14 3	Jan'13	Mar'58		Sm.Col.temp.rain.
V O	"				5 4x	Aug'30	Jun'36		Temp.wind dir.rain.
W S	"				4	May 89	Aug'89	T	Rain.
	FORD								
W S	Bucklin	37 33	99 39		1 5x	Jul'88		T	Rain.
V O	Fort Atchison	37 47	100 14		8 2	Nov'50	Dec'58		Sm.Col.temp.rain.
S S	Dodge City	37 45	100 01	2524	15 3	Oct'74			Full observations.
W D	Fort Dodge	37 44	99 54		3 4	Nov'67	Feb'71		Temp.hyg.wind.elds.rain.
W S	"				1 0	Nov'76	Oct'77		Temp.rain.
	EDWARDS								
V O	Kinsley	37 53	99 24	2162	1	Feb'74			Temp.rain.
W S	"				2 0	Nov'76	Oct'78		Temp.rain.
W S	Offerle	37 53	99 31	2260	10	Mar'89			Temp.rain.

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	PRATT	° ′	° ′						
V O	Cairo	37 40	98 35			? Dec'89			Temp.rain.
	KINGMAN								
V O	Cunningham	37 39	98 24	1700	6	0x Jan'84			Temp(max-min)wind.rain.
W S	Kingman	37 38	98 07			1 Dec'89		T	Rain.
	SEDGWICK								
S S	Wichita	37 41	97 20	1354	1	6 Jul'88			Full observations.
	CRAWFORD								
W S	Mount Carmel	37 27	94 53		2	0 Jul'76	Jun'73	R	Temp.
	MORTON								
W S	Richfield	37 17	101 47			5 Aug'89			Temp.rain.
	CLARK								
V O	Englewood	37 03	99 50		1	7 Jun'83			Temp.rain.
	COMANCHE								
W S	Coldwater	37 17	99 20		1	0x Jul'88	Sep'89		Temp.rain.
	SUMNER								
W S	Rome	37 09	97 24	1216	3	11x Jan'83			Temp.(max-min).rain.
V O	"					6x Sep'87	Jul'89		Temp(max-min)wind dir.rain.
V O	Wellington	37 16	97 26	1319	11	0 Jan'79			Temp(max-min).rain.
	COWLEY								
V O	Arkansas City	37 03	97 02	1064	3	10x Aug'74	Mar'79		Temp.wind.clds.rain.
W S	Kellogg	37 16	97 04			5 Aug'89			Temp(max-min).rain.
	ELK								
V O	Elk Falls	37 22	96 11		6	9x Mar'83			Temp(max-min)wind dir.rain.
W S	Grenola	37 21	96 27	1112	2	5x May 87			Temp(max-min).rain.
	CHAUTAUQUA								
W S	Cedar Vale	37 09	96 31	1000	2	4 Mar'78	Jun'80		Temp.rain.
V O	Sedan	37 08	96 11		2	9x Jun'79			Temp.wind.clds.rain.
W S	"				2	6x Apl'85	Dec'87		Temp.rain.
	MONTGOMERY								
V O	Independence	37 13	95 41	794	2	0 Jan'72	Dec'73		Sm.Col.temp.rain.
V O	"				16	0 Jan'74			Temp.wind.clds.rain.
	CHEROKEE								
V O	Baxter Springs	37 05	94 44	811	6	4x Jul'67	Nov'73		Sm.Col.temp.rain.
V O	"				4	9 Dec'73	Aug'78		Temp.wind.clds.rain.
V O	Empire City	37 04	94 41	900	1	2x Nov'77	Jan'79		Temp.wind.rain.

Kan.3

X Record broken.

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List of Stations having less than one year's record and which are not now in operation.

Station	County	Station	County
Alton	Sumner	Mapleton	Bourbon
Abilene	Dickinson	Marquette	Mc.Pherson
Atwood	Rawlins	Medicine Valley Lodge	Barber
Blue Rapids	Marshall	Moneka	?
Buffalo Creek	Woodson	Mountain City	?
Carthage	Meade	Morton	Morton
Cayuga	?	Minneapolis	Ottawa
Centreville	Linn	North Topeka	Shawnee
Chanute	Neosho	Ness City	Ness
Cleveland	Kingman	Oakwood	Linn
Council City	Osage	Os awotomie	Miami
Crawfordsville	Crawford	Oswego	Labette
Cedar Point	Chase	Pence	Scott
Downer's Station	Trego	Perry City	Jefferson
Dwight	Morris	Peabody	Marion
Eureka	Greenwood	Rago	Kingman
Gaylord	Smith	Rural	Jefferson
Girard	Crawford	Smith Centre	Smith
Greenwood	Elk	Sycamore	Butler
Gognac	Stanton	Santa Fé	Haskell
Hull City	Graham	Stockton	Rooks
Hilton	Chase	Shockey	Grant
Haven	Reno	Stolzenbach	Marshall
Hoxie	Sheridan	Tanganoxie	Leavenworth
Hugoton	Stevens	Ulysses	Grant
Hutchinson	Reno	Walnut Grove	Mitchell
Hymer	Chase	Walker	Ellis
Jacksonia	Greeley	Winfield	Cowley

X Record broken.

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		°	′	°	′							
	CAMPBELL.											
M D	Newport Bar'ks.	39	06	84	29	588	27	0x	Jul'47	Dec'74		Smithsonian Collection.
M D	" "						17	0x	Jan'60			Temp.(max.min.)Hygrometer,Wind Clouds, Rain.
	PENDLETON.											
V O	Caddo	38	42	84	13			2	Nov'89			Minimum temp. & Rain.
Riv	Falmouth	38	40	84	18		2	0x	Sep'87		T	River and Rainfall observations.
V O	"						1	3	Oct'88			Temp. & Rainfall.
	LEWIS.											
V O	Prospect Hill	38	40	83	33	700	1	9x	'49	'51		Average monthly Temp. & Rain. Smithsonian Collection.
	OLDHAM.											
V O	Ballardsville	38	26	85	31	461	3	7	May'53	Feb'62		Smithsonian Collection.
	OWEN.											
V O	Owenton	38	31	84	51		1	3	Oct'88			Temp., Wind, Rain.
	BOYD.											
V O	Ashland	38	30	82	39		1	5x	Jul'88			Temp. & Rain.
Riv	Catlettsburg	38	24	82	27		2	6	Jul'87		T	River and Rainfall observations.
	JEFFERSON.											
V O	Louisville	38	15	85	45	551	3	6x	Apl'58	Feb'70		Smithsonian Collection.
S S	"						18	4	Sep'71			2d Order.(River observations).
V O	Springdale	38	07	85	34	570	30	2x	Jul'41	Dec'72		(Near Louisville).Sm. Col.
	SHELBY.											
V O	Shelbyville	38	12	85	13		1	3x	Mar'88			Max. & Min. Temp., Rain.
	FRANKLIN.											
V O	Frankfort	38	12	84	53	560	7	6x	Jun'81			Bar.,Temp.(max.min.),Hygrometer Wind,Clouds,Rain.
Riv	"						2	4	Sep'87		T	River & Rainfall observations.
	BOURBON.											
V O	Millersburgh	38	40	84	27	804	4	10x	Jun'53	Apl'62		Smithsonian Collection.
V O	"						1	4x	Jun'88			Temp. & Rain.
V O	Paris	38	25	84	17	810	4	6x	Jan'55	Dec'59		Smithsonian Collection.
	MONTGOMERY.											
V O	Mt.Sterling	38	10	84	55		1	0	Jan'89			Temp. & Rain.

X Record broken.

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	LAWRENCE.								
Riv	Louisa	38° 10	82° 37		1 11x	Jul'87		T	River & Rainfall observations.
	FAYETTE.								
V O	Lexington	38 02	84 33	995	1 9x	Aug'59	Jul'89		Rain. Temp. for 6 months. Sm. Col.
S S	"				5 11x	Oct'72			2d Order (Closed from Aug'76 to Oct'87).
	CLARK.								
V O	Chilesburg	38 04	84 06		13 0	Jan'58	Dec'73		(Pine Grove, 12 miles East of Lexington). Rain broken. Sm. Col.
V O	"				1 2x	Jan'74	Jun'75		Bar., Temp., Wind, Clds, Rain.
V O	Winchester	38 04	84 13	875	1 0	Dec'72	Nov'73		(6 miles S. of). Sm. Col.
V O	"				1 4x	Apl'74	Nov'75		" " Temp. Wind, Clds, R.
	WASHINGTON.								
V O	Springfield	37 42	85 17		7	Jun'89			Temp. (max. min.), Wind, Rain.
	JESSAMINE.								
V O	Nicholasville	37 56	84 38	940	2 4x	Jan'61	Jun'63		Smithsonian Collection.
	HANCOCK.				/ /	Sep'76	Sep'77		
V O	Pellville	37 46	86 49		1 1x	Oct'88			Temp. (max. min.), Wind, Rain.
V O	Bennetsville	37 50	86 40		1 7x	Oct'75	Oct'79	R	Temp., Wind, Clouds.
	NELSON.								
V O	Beardstown	37 52	85 18		2 9x	Jan'58	Oct'61		Smithsonian Collection.
	BOYLE.								
V O	Danville	37 40	84 45	915	15 0x	Feb'53	Dec'73		" "
					4 4x	Apl'74	Jan'79		Bar. Temp. Hyg. Wind, Clds. Rain.
	MADISON.								
V O	Richmond	37 45	84 18	1000	3 5x	Apl'84			Bar., Temp. (max. min.), Hygrometer Wind, Clouds, Rain.
	LINCOLN.								
V O	Arcadia	37 34	84 42		3 1x	Jul'40	Jun'72		Smithsonian Collection.
	OWSLEY.								
V O	South Fork	37 28	83 43		1 3	Oct'88			Max. Min. Temp., & Rain.
	HOPKINS.								
V O	Earlington	37 16	87 28		6	Jul'89			Max. Min. Temp. & Rain.
V O	Madisonville	37 18	87 25		1 1	Jul'88	Jul'89		Temp. & Rain.
	LYON.								
Riv	Eddyville	37 01	88 01		2 5	Aug'87		T	River & Rainfall observations.
	CALDWELL.								
V O	Princeton	37 07	87 53		2	Nov'89			Temp. (max. min.), Rain.

X Record broken.

											LAMBERTON.
v	Louisa	38	10	82	37			I	11x	Jul'07	
											MAXATTN.
0	Lexington	38	02	84	81	355		I	8x	Aug'69	Jul'10
5	"							5	11x	Oct'72	
											CLARK.
0	Gladsburg	39	04	84	06		12	0		Jan'55	Sep'76
0	"								1x	Jan'76	Jun'76
0	Hundwater	39	04	84	15	871		I	0	Dec'72	Nov'72
0	"							I	4x	Apl'76	Nov'76
											WASHINGTON.
v	Springville	37	32	85	17				7	Jun'80	
											DECATUR.
v	Mt. Lavylle	36	18	84	0	840		3	4x	Jan'71	Jun'03
											MANDOCK.
0	Pellville	37	32	88	09			I	1x	Oct'88	
0	Dunnsville	37	30	80	30			I	7x	Oct'72	Oct'72
											MILTON.
0	Deerwater	37	32	83	18			2	8x	Jan'58	Oct'61
											BOYLE.
0	Murville	37	30	83	46	815	10	0x	Apl'71	Dec'72	
								4	4x	Apl'71	Jun'78
											LUDLOW.
3	[illegible]	37	32	84	12	1000	3	8x	Apl'85		
											LITCHFIELD.
0	[illegible]	37	34	81	12			3	1x	Jul'40	Jun'71
											CLAYTON.
0	North Fork	37	38	82	12			I	3	Oct'82	
											[illegible]
0	Bellington	37	16	87	22				6	Jul'80	
0	Montgomyville	37	12	87	32			I	I	Jul'82	Jul'82
											LYON.
v	Kellville	37	06	86	01			1	0	Aug'77	
											CALDWELL.
v	[illegible]	37	07	87	12				1	Nov'72	

I Ilx Jul'07 — Lexington. Temp.for 2 months. Ex.CM 80 Order (Closed from Aug'72 to Oct'87).

I 8x Aug'69 Jul'10 — (Pin. Stove, 12 miles east of Lexington). Main Lock ex.Col. Dec., Temp., Wind, Clds, Rain.

I 1x Jan'76 Jun'76 — (3 miles S.of). Ma. Col. " " Temp.,Wind,Clds,

I 4x Apl'76 Nov'76 — Temp.(max.min.), Wind, Rain.

7 Jun'80 — Temp.(max.min.), Wind, Rain.

2 4x Jan'71 Jun'03 — Saltbrecken Collection.

I 1x Oct'88 — Temp.(max.min.), Wind, Rain.

I 7x Oct'72 Oct'72 — Temp., Wind, Clouds.

2 8x Jan'58 Oct'61 — Saltbrecken Collection.

10 0x Apl'71 Dec'72 — Bar.Temp.Ex.Wind, Clds, Rain.

4 4x Apl'71 Jun'78

1000 3 8x Apl'85 — Bar., Temp.(max.min.), Hygrometer, Wind, Clouds, Rain.

3 1x Jul'40 Jun'71 — Saltbrecken Collection.

I 3 Oct'82 — Max.Min. Temp., & Rain.

6 Jul'80 — Max.Min.Temp. & Rain.

I I Jul'82 Jul'82 — Temp. & Rain.

1 0 Aug'77 — T River & Rainfall observations.

1 Nov'72 — Temp.(max.min.), Rain.

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	GREEN.											
S S	Greensburgh	37	16	85	33		2	5	Aug'87		T	Special Rainfall Station.
	BALLARD.											
V O	Blandville	36	56	89	06		2	1x	Nov'71	Dec'73		Smithsonian Collection.
V O	"							11	Jan'74	Nov'74		Temp., Wind, Clouds, Rain.
	McCRACKEN.											
Riv	Paducah	37	04	88	38		15	6	Jul'74		T	River & Rainfall observations.
	WARREN.											
V O	Bowling Green	36	58	86	25			2	Sep'55	Oct'55	R	Smithsonian Collection.
V O	" "					600	7	9x	Mar'78			Temp. (max. min.), Hygrometer, Wind, Clouds, Rain.
Riv	" "						2	6	Jul'87		T	River & Rainfall observations.
	PULASKI.											
Riv	Burnside	37	00	84	37		3	8x	Dec'84		T	River & Rainfall observations.
	TRIGG.											
V O	Canton	36	50	87	57			6	Jul'89			Temp. & Rain.
	SIMPSON.											
V O	Franklin	36	43	86	33		1	1	Dec'88			Temp. & Rain.
	WHITLEY.											
S S	Williamsburgh	36	48	84	10		2	2x	Oct'87		T	Special Rainfall Station.
	HICKMAN.											
V O	Clinton	36	40	89	07		1	3	May'68	Jul'69		Smithsonian Collection.
	CALLOWAY.											
V O	Murray	36	28	88	20			5	Aug'89			Temp. (max. min.), Wind, Rain.

X Record broken.

Fragmentary Records of less than a year in length are on file from the Following Stations:

K E N T U C K Y.

Station.	County.	Station.	County	Station	County.
Beech Fork	Washington	Harrodsburg	Mercer	Mud Riv. Mine	Muhlenberg
Bernstadt	Laurel	Kings Mountain	Lincoln	Nolin	Hardin
Bethel	Bath	Lebanon	Marion	Ohio River 8 m from Cincin'a.	Campbell
Bonnieville	Hart	Loudon	Laurel	Owensboro	Daviess
Carlisle	Nicholas	Mammoth Cave	Edmonson	Pleasant Valley Mine	Fleming
Cloverport	Breckenridge	Maysville	Mason	Somerset	Pulaski
Crab Orchard Springs	Lincoln	Mc Henry	Ohio	Taylor's Bar'ks (Louisville)	Jefferson
Elkin	Clark	Midway	Woodford	Taylorsville	Spencer
Georgetown	Scott	Milledgeville	Lincoln	Whitesburg	Letcher
Harpers Ferry	Henry	Morganfield	Union		

Preliminary Reports of less than a year in length are in fig. from the

Polaroid Stations:

K E N T U C K Y.

Station.	County.	Station.	County	Station.	County.
Seven Pts.	Washington	Harrodsburg	Mercer	Mill Creek	Bracken
Artemisia	Laurel	Knob Creek	Larue	Joyce	Harrison
Salem	Bath	Lodomia	Marion	Ohio River 3 mi. from Glenn's Ferry	Campbell
Scottsville	Hart	Loyson	Laurel	Cynthiana	Harrison
Guthrie	Christian	Hanover Cave	Edmonson	Fleming Falls (Blue Licks)	Fleming
Cumberland	Harlan	Lagrange	Oldham	Shawnee	Pulaski
Cane Springs	Larue	Mt Eagle	Ohio	Taylor's Mill (Louisville)	Jefferson
Lilac	Clay	Midway	Woodford	Louisville	Jefferson
[illegible]	Knott	Hillsboro	Atwell	Cliffstone	Letcher
[illegible]	Knox	Mayfield	Graves		

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		° ′	° ′							
	CADDO									
S S	Shreveport	32 30	93 40	249	18	5	Sep'71	Dec'89		2d Order
V O	"					6	Jan'75	Jun'75		Bar. T.(max.min) Hyg.Wind R
V O	"				1	6x	Jan'69	Nov'73		Smithsonian Collection
	BOSSIER									
V O	Benton	32 30	93 45		2	9x	May 37	Nov'70	T	Smithsonian Collection
	WEBSTER									
C R	Minden	32 47	93 14		3	3x	Apl'84	Nov'89		T.(max.min.) Rain
W S	"				1	1	Dec'88			
	UNION									
W S	Farmerville	32 47	92 22		1	8	Apl'88			
	EAST CARROLL									
W S	Lk. Providence	32 46	91 03		2	2x	Aug'84	Aug'89		
	BIENVILLE									
V O	Liberty Hill	32 23	92 46		6	2	Nov'83	Dec'89		T. Wind, Rain
	OUACHITA									
C R	Monroe	32 29	92 02		4	4x	Apl'82			Max. Min Temp. & Rain
Riv	"				4	4x	Jun'84		T	R & Stage of Water
W S	"				2	0	Jan'88			Temp. & Rain
V O		32 31	92 07		12	0	1808	1819		Smithsonian Collection Average
V O	Okalossa	32 26	92 13	200	2	0x	Apl'77	Aug'80		Temp.Wind,Clds. Rain
	RICHLAND									
Riv	Delhi	32 28	91 26		4	1x	May'85		T	Rain & Stage of Water
V O	"					5	Jun'74	Oct'74	T	
V O	"				2	4x	Apl'71	Oct'74	T	Smithsonian Collection
Riv	Girard	32 21	91 44		3	11	Feb'86		T	Rain & Stage of Water
W S	"					5	Aug'89		T	
	CALDWELL									
						3	Oct'89			
	MADISON									
W S	Delta	32 19	90 51		3	0x	Jun'84	Apl'88		
	DE SOTO									
W S	Grand Cane				1	1	Nov'88			
	RED RIVER									
C R	Coushatta Chute	32 00	93 14		4	2x	May'82			
Riv	" "				3	7x	Oct'85			Rain & Stage of Water
W S	" "				1	6x	Apl'84			

X Record broken.

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	CATAHOULA	°	′	°	′							
V O	Block River Plantation	31	30	91	46	108	2	7	Oct'56	May'59		Smithsonian Collection
V O	Trinity	31	37	91	45	50		1	Oct'88			T.(max.min.) Rain
W S							1	5	Mar'88			Temp. & Rain
W S	Jonesville							1	Dec'89			do
	TENSAS											
V O	Pt. Pleasant	32	08	91	30	120	1	7x	Feb'72	Dec'74		Smithsonian Col.T for 10 mos
V O	" "						9	2	Apl'74	Jan'86		Bar. Temp.Hyg.Wind,Cldr.Rain
W S	" "						1	2	Jan'88			
W S	St. Joseph	31	55	91	08		1	7x	Aug'84	Jul'89		
	SABINE											
V O	Fort Jessup	31	33	93	32	80	23	0	Jan'23	Dec'45	R	Smithsonian Collection
V O	" "						10	0	Jan'36	Dec'45	T	" "
	NATCHITOCHES											
C R	Natchitoches	31	46	93	02		4	3x	Apl'82			T.(max.min.) Rainfall
V O	"						1	9x	Apl'84			
V O	Camp Salubrity	31	40	93	15	80	1	6	Jul'44	Jun'45	R	Smithsonian Collection
	CONCORDIA											
V O	Moss Grove Plan	31	37	91	47	68	0	4	Jun'60	Oct'60	T	Near Trinity.Smithsonian Col.
V O	" "						1	3x	Dec'56	Oct'60	R	
V O	Vandalia	31	33	91	19			7	Nov'88	May'89		T.(max.min.) Wind & Rain
W S	"						1	8x	Jan'84			
	RAPIDES.											
C R	Alexandria	31	19	92	23		4	0x	Apl'82	Nov'89		T.(max.min.) Rain.
Riv	"						4	11	Feb'85			Rain & Stage of Water
W S	"							10	Feb'89			
C R	Cheneyville	31	00	92	14		4	4x	Apl'82	Nov'89		
W S	"						2	0x	Apl'84	Nov'89		
V O	"							7	Mar'70	Sep'70	R	Smithsonian Collection
V O	Rapides	31	08	92	20	76	3	0	'48	'50		Smithsonian Col.Averages
	AVOYELLES											
V O	Marksville	31	07	92	00		1	8	May'88	Dec'89		
V O	"						1	2	Nov'88			T.(max.min.) Wind & Rain
W S	"						1	0	Jan'89			
	WEST FELICIANA											
Riv	Bayou Sara	30	46	91	20			3	Feb'86			Rainfall(River record broken)
W S	" "							1	Dec'89			

X Record broken.

	21	20	94	12	120	2	7	Oct'87	Nov'39		Australian Coalition
	81	57	81	42	39		1	Oct'81			T.(Lower.) Drop
						1	5	Dec'31			Prob. 5 Rain
							1	Nov'00			40
	72	02	91	30	120	1	7a	Feb'72	Dec'74		Sunny Quart Cal.T for 10 mos
						0	2-	Apr'74	Jan'80		Far. Temp.Hyr.Ma.Temp.Rain
						1	2	Jan'08			
74. Jupu.	21	95	91	06		1	7a	Nov'84	Jul'90		
75. Jagun	21	03	06	83	90	75	0	Jun'21	Dec'48	R	Australian Coalition
						12	0	Jan'13	Nov'40	T	
Malaniaon	21	40	00	03		4	0a	Apr'80			T.(max.min.) Barnell
						1	2-	Apr'74			
Camp Coinmiir	21	40	32	13	00	1	8	Jul'44	Jun'40	R	Southwestern Coalition
Lake Grove Plain	21	37	91	47	80	0	4	Jan'00	Oct'80	T	Near Trinity.Smithsonian Col.
						1	7x	Dec'30	Nov'07	R	
Tumbalia	21	38	91	19			7	Nov'93	May'09		T.(max.min.) Wind & Rain
						1	8x	Jan'8-			
Wilmington	21	10	02	03		4	0a	Apr'82	Nov'89		T.(Low.Hu.) Rain.
						4	11	Feb'08			Main & Stage of water
							10	Feb'02			
Chandrilla	21	00	22	14		4	4a	Apr'82	Nov'82		
						2	0a	Apr'84	Nov'03		
							7	Mar'72	Jun'72	R	Australian Coalie Jua
Moscow	21	09	92	30	22	3	0	'4p	'90		Southwestern Col.Average
Carrick Tile	21	07	92	00		1	0	May'0.	Dec'82		
						1	2	Nov'0-			T.(max.min.) Wind & Rain
						7	0	Jan'0'			
Fenna Tabre	20	42	91	22			3	Feb'00			Reliability: Record Prevent
							1	Dec'02			

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	WEST FELICIANA	° ′	° ′							
V O	St.Francisville	30 49	91 22	80	5	0	?	?	T	monthly averages.Smith. Col.
V O	" "						Dec'56	Jan'57		Smithsonian Collection.
V O	West Feliciana	30 40	91 20	96	13	0	1820	1820		Averages. Smithsonian Col.
	EAST FELICIANA									
W S	Clinton	30 52	90 54		2	2x	Jul'84	Dec'89		
V O	Jackson				3	0	1839	1840	R	Averages. Smithsonian Col.
W S	"					1	Aug'39	Aug'89		
	TANGIPAHOA									
C R	Amite City				4	3x	Apl'82	Nov'89		T.(max.min.) Rain
W S	" "				1	1	Dec'88			
V O	Collins	30 30	90 20	20	1	9x	Nov'70	Apl'73		Smithsonian Collection
W S	Hammond	30 31	90 24		1	0	Dec'88			Temp.& Rain
	WASHINGTON									
V O	Franklinton	30 52	90 07			6	Nov'88	Apl'89		T.(max.min.) Wind & Rain
W S	"				1	2	Aug'88	Sep'89		Temp. & Rain
	St. TAMMANY									
V O	Mandeville	30 21	90 01		1	4	Jan'88	May'89		T.(max.min.) Wind & Rain
W S	"				2	5x	Nov'84	Dec'87		
	E.BATON ROUGE									
V O	Baton Rouge	30 26	91 11		29	1x	Jan'22	Jun'74	R	Smithsonian Collection
V O	" "				15	8x	Jan'43	Dec'60	T	Smithsonian Collection
M D	" "					6	Jan'60	Dec'60		Temp.Hyg.Wind, Rain
M D	" "				5	4	Jun'73	Apl'79		Temp.Hyg.Wind,Clds. Rain
W S	" "				1	9x	Jun'84	Nov'89		Temp. & Rain
	LIVINGSTON									
W S	Maurepas	30 18	90 42		1	9	Mar'88			Temp. & Rain
	CALCASIEU									
V O	Lake Charles	30 12	93 07			5	Dec'73	Feb'74	T	
V O	"				1	6x	Jul'76	Dec'80	R	
W S	"				1	6	Aug'84			
	St. LANDRY									
W S	Chataignier					2	Nov'89			
V O	Grand Coteau	30 27	91 58	93	7	1	Nov'82			Bar.T.(max.min.)Hyg.Wind.Cld.R
W S	Melville				1	8	Apl'88			Also known as West Melville

X Record broken.

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		°	′	°	′							
	St. LANDRY											
C R	Opelousas	30	32	92	02		2	2x	Apl'84	Oct'87		T.(max.min.) Rain
W S	"							6x	Jun'84	May'85		
C R	Whiteville	30	48	92	05		1	10	Apl'82	May'85		T.(max.min.) Rain
W S	"							11	Apl'84	Apl'85		
	ARCADIA											
V O	Crowley	30	15	92	14		1	3	Oct'88			T.(max.min.) Wind & Rain
	IBERVILLE											
W S	Plaquemine	30	16	91	15	30	1	2	Nov'88			
V O	"						6	0	1845	1850		Averages.Smithsonian Collec.
	ASCENSION											
W S	Donaldsonville	30	06	90	58		2	6x	Jul'84			
	LA FAYETTE											
C R	La Fayette	30	14	91	56		3	5	Apl'84			T.(max.min.) Rain
	CAMERON											
V O	Cameron							11	Feb'89			T.(max.min.) Rain
	VERMILLION											
W S	Abbeville	29	59	92	03		1	10	Feb'88			
W S	Shell Beach	29	52	89	36		1	4	Sep'88			
V O	" "							3	Mar'89	May'89		Temp. & Rain
	IBERIA											
W S	Jeanerette							9	Apl'89			
C R	New Iberia	30	01	91	45		1	1x	May'82	Sep'83		T.(max.min.) Rain
V O	" "	30	01	91	47			7	Dec'88	Jul'89		T.(max.min.) Wind & Rain
W S	" "						4	7x	Aug'84			
V O	" "(near)	29	55	91	32	15		8	Dec'73	May'74		T. Wind. Clds. Rain
V O	" " "						1	4x	Apl'72	Oct'73	R	Smithsonian Collection
V O	" " "	30	00	91	48	15	2	10	Apl'72	May'74		" " Observations at Rosedale Plantation
	St. MARY											
C R	Franklin	29	46	91	25		1	2x	Apl'82	Oct'83		T.(max.min.)R
W S	"							10	Aug'84	May'85		
C R	Morgan City	29	48	91	08	8	1	2x	Apl'82	Oct'83		T.(max.min.) Rain
W S	" "							9x	Aug'84	Feb'89		
V O	" "							3	Dec'85	Jan'87		T.(max.min.) Rain

X Record broken.

													St. LANDRY	
P	Opelousas				30	32	92	02		2	2x	Apl'84	Oct'87	T.(max.min.) Rain
S	"										8x	Jun'84	May'85	
R	Washville				30	48	92	05		1	10	Apl'82	May'85	T.(max.min.) Rain
S	"										11	Apl'84	Apl'85	
													ALCADIA	
O	Crowley				30	15	92	14		1	3	Oct'88		T.(max.min.) Wind & Rain
													IBERVILLE	
S	Plaquemine				30	16	91	15	50	1	2	Nov'88		
O	"									8	0	1845	1850	Averages.Smithsonian College.
													ASCENSION	
P	Donaldsonville				30	06	90	58		2	6x	Jul'84		
													LA FAYETTE	
R	La Fayette				30	14	91	50		5	5	Apl'84		T.(max.min.) Rain
													(A IMPT)	
O	Cameron									11		Feb'89		T.(max.min.) Rain
													VERMILLION	
P	Abbeville				29	59	92	03		1	10	Feb'05		
P	Small Bacon				29	52	89	50		1	4	Sep'90		
O	" "										3	Mar'90	May'89	Temp. & Rain
													IBERIA	
P	Jeanerette										9	Apl'92		
R	New Iberia				30	01	91	45		1	1x	May'92	Sep'82	T.(max.min.) Rain
O	" "				30	01	91	47			7	Dec'86	Jul'89	T.(max.min.) Wind & Rain
P	" "										4	7x	Aug'84	
O	" "(Moor)				29	55	91	32	15		"	Dec'73	May'74	T. Wind. Clds. Rain
O	" " "									1	4x	Apl'72	Oct'72	R Smithsonian Collection
O	" " "				30	00	91	48	15	2	10	Apl'72	May'74	" " Observa-
														tions at Rosedale Plantation
													St. MARY	
R	Franklin				29	46	91	25		1	2x	Apl'82	Oct'83	T.(max.min.)R
P	"										10	Aug'84	May'85	
R	Morgan City				29	48	91	08	8	1	2x	Apl'82	Oct'82	T.(max.min.) Rain
S	" "										8x	Aug'84	Feb'89	
O	" "										3	Dec'85	Jan'87	T.(max.min.) Rain

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	ST. JAMES	° ′	° ′						
V O	Convent	30 00	90 49		3	Nov'88	Jan'89		T.(max.min.)Wind,Rain Observations at Jefferson College
W S	"				9	Jan'89			
	ST.JOHN BAPTIST								
V O	Emilie				6	Jul'89			T.(max.min.) Wind Rain
V O	Mount Airy	30 03	90 33		6	Nov'88	May'89		Changed to Emilie W.Ser. from Sept'88(T.max.min.Wind.Rain)
	ST. CHARLES								
V O	Luling (near)				4 10	Jan'84			Obs. at Ashton Plantation
	JEFFERSON								
W S	Kenner	29 59	90 13		1 5	Apl'98			Obs. at Sugar Exper. Station
	ORLEANS.								
V O	Algiers	29 57	90 02		4 1x	Jan'74	Jun'78	T	Opposite New Orleans
S S	New Orleans	29 58	90 04	52	19 2	Nov'70			2d Order
M D	" "				1 3	Jan'60	Mar'61		Bar.Temp.Hyg.Wind,Rain
V O	" "				4 4x	Jan'74	Jul'78		Bar.Temp.Clds.Wind.Rain
V O	" "				27 3	Jan'25	Dec'73	R	Smithsonian Collection
V O	" "				27 9	Jan'36	Jun'77	T	" "
V O	Fort Pike	30 10	89 38		16 0	Oct'24	Apl'72	R	3 yr.5 mos. Rain.Smiths'n Col
M D	" "				10	Jul'70	Apl'71	R	
V O	Fort Wood	30 09	89 47	20	6 2x	Jul'32	Apl'46	R	3 yr.1mo.Rain.Smithsonian Col
M D	Jackson Barrack	29 57	90 00		9	Feb'89			New Orleans.T.(max.min)Wind R
	LA FOUCHE								
W S	Thibodeaux	29 46	90 53		4 6x	Aug'84	Dec'89	T	Temp for 2 months only
	TERRE BONNE								
V O	Houma	29 35	90 41		1 3	Oct'88			T.(max.min.)Wind Rain
W S	"				6x	Aug'84	May'85		
C R	Terre Bonne	29 44	90 49		1 2	Apl'82	Oct'83		T.(max.min.) Rain
	PLAQUEMINE								
V O	Fort Jackson	29 25	89 30		3 2	Jan'31	Mar'35	T	Smithsonian Collection
W S	Pt.a La Hache				10x	Sep'84			
S S	Port Eads	29 09	89 15	7	2 0	Apl'81	Mar'83		2d Order
W S	" "				10	Aug'84	May'85		
W S	" "				1 10	Jan'88			Bar for Aug.Sep'88
	ST.BERNARD								
V O	Ft. St. Philips	29 25	89 30		2 0	Jan'22	Mar'31	R	Smithsonian Collection.

X Record broken.

Fragmentary Records of less than a year in length are on file from the Following Stations

L O U I S I A N A

Station	County	Station	County
Arcadia	Bienville	Breau Bridge	Saint Martins
Calhoun	Ouachita	Carrollton	Jefferson
Edgar	St. Joh Baptist	Hahnville	St. Charles
Jennings	Calcasien	Keatchie	De Soto
Mansfield	De Soto	Many	Sabine
Camp Lawrence	E. Baton Rouge	Petit Coquille	?
Red River Landg	Pointe Coupie	Ruston	Lincoln
Fort Sabine	Cameron	St.Martinville	
Vandalia Plantation		Vernon	Jackson
Winnfield	Winn	Floyd	West Carroll

Fragmentary Records of less than a year in length are on file from the

Reporting Stations

L O U I S I A N A

Station	County	Station	County
Arcadia	Bienville	Bryan Bridge	Saint Martins
Calhoun	Ouachita	Carrollton	Jefferson
Encar	St. John Baptist	Hahnville	St. Charles
Jennings	Calcasieu	Keatchie	De Soto
Lake Field	De Soto	[illegible]	Sabine
Camp Lawrence	E. Baton Rouge	Petit Coquille	"
Red River Landing	Pointe Coupee	Linton	Lincoln
Fort Sabine	Cameron	St. Martinville	
Vandalia Plantation		Vernon	Jackson
Winnfield	Winn	Floyd	West Carroll

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	00	° ′	° ′							
	AROOSTOOK									
V O	Ft. Fairfield	46 43	67 49	415	1	8	Jan'42	Aug'43	R	Sm.Col.Temp.
	OXFORD									
V O	Bethel	44 20	70 51	650	1	2	Jan'31	Feb'32		Sm.Col.Temp.rain.
V O	Fryeburg	44 00	71 04	420	5	0x	Feb'49	May 53		Sm.Col.Temp.rain.
V O	Hancock Barracks	43 07	67 49	320	13	4x	Jan'29	Aug'71		Sm.Col.Temp.rain.
V O	Hiram	43 51	70 52	400	34	0	Jan'31	Dec'64	R	Sm.Col.Temp.
	Houlton	see Hancock Barracks								
V O	W. Oxford	44 08	70 33	182	3	11	Feb'60	Dec'73		Sm.Col.Temp.rain.
V O	"				1	3	Jan'74	Mar'75		Temp.clds.rain.wind.
V O	Rumford Point	44 30	70 37	300	1	2x	Oct'33	Apl'79		Sm.Col.temp.rain.
	FRANKLIN									
V O	East Wilton	44 33	70 14		2	1	Nov'71	Nov'73		Sm.Col.temp.rain.
	SOMERSET									
W S	Mayfield	45 04	69 40		3	9x	Jun'85			Temp(max-min).rain.
W S	Solon	44 53	69 52		1	11	May 85	Mar'87	R	Temp(max-min)
W S	Fairfield	44 35	69 35		3	11	Feb'83			Temp(max-min).rain.
	PISCATAQUIS									
V O	Williamsburg	45 21	69 03		4	8	Aug'83	Aug'71		Sm.Col.temp.rain.
	PENOBSCOT									
V O	Bangor	44 49	68 43	40	1	1x	Jul'44	Jun'80		Sm.Col.temp.rain.
V O	Carmel	44 47	69 00	175	2	10x	Jan'54	Jan'57		Sm.Col.temp.rain.
V O	Dexter	45 02	69 13	350	3	2x	Jun'53	Jun'83		Sm.Col.temp.rain.
V O	"				1	9	Aug'81	Apl'83		Temp.rain.clds.wind.
V O	Hampden	44 43	68 50	180	1	0	Aug'43	Jul'44		Sm.Col.temp.rain.
V O	Lee	45 25	68 13		2	11	Jun'64	Sep'67		Sm.Col.temp.rain.
V O	Orono	44 53	68 44	137	4	0	Jan'70	Dec'73		Sm.Col.temp.rain.
V O	"				13	0	Jan'74			Bar.temp.rain.wind.clds.hyg.
	ANDROSCOGGIN									
V O	Lewiston			200	3	9	Apl'83			Temp(max-min).rain.
V O	Lisbon	44 04	70 07	130	12	11x	Apl'59	Feb'72		Sm.Col.temp.rain.
V O	Mechanic Falls	44 03	70 03	500?	1	7	Sep'77	Mar'79		Temp.rain.clds.wind.
	KENNEBEC									
V O	Augusta	44 19	70 12	450	1	7x	May 57	Jul'74		Sm.Col.temp.rain.
M D	Kennebec Arsenal (Augusta)				1	1	Dec'83			Temp(max-min).rain.wind.
V O	China	44 30	69 30	600	0	8x	Apl'73	Feb'75		Sm.Col.temp.rain.

X Record broken.

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	KENNEBEC Con-	° ′	° ′							
V O	Gardiner	44 14	69 43	70	34	0x	Jan'37	Dec'73		Sn.Col.temp.rain.
V O	"				13	10	Jan'74			Bar.temp.hyg.clds.rain.
V O	Kent's Hill	44 25	69 00	500	4	2	Mar'75			Temp(max-min).rain.wind.
W S	"				3	11	Oct'85			Bar.temp(max-min).rain.
V O	Vassalboro	44 27	69 42		3	5x	Aug'59	Jul'63		Sn.Col.temp.rain.
V O	West Waterville	44 33	69 46	250	10	5	Aug'63	Dec'73		Sn.Col.temp.rain.
V O	"				6	11	Jan'74	Oct'79		Temp.rain.clds.wind.
	WALDO									
V O	Belfast	44 23	69 00		4	3x	Jul'59	Jun'63		Sn.Col.temp.rain.
W S	"				4	9	Apl'85		R	Temp(max-min)
V O	Fort Kent	47 15	68 35	575	3	0x	Jan'42	Aug'45		Sn.Col.temp.rain.
	HANCOCK									
V O	Bar Harbor	44 23	68 12	50	3	2	Nov'85			Temp.hyg.rain.wind.
V O	Bucksport	44 34	68 50	132	6	4x	Jan'49	Dec'73		Sn.Col.temp.rain.
V O	Castine	44 23	68 47	50	40	0	Jan1810	Dec'49	R	Sn.Col.temp.
V O	Mount Desert	44 21	68 22	75	4	3x	Sep'70	Dec'74		Sn.Col.temp.rain.
V O	"				3	11	Jan'75	Oct'79		Temp.rain.clds.wind.
V O	North Haven	44 08	68 52	22	4	3	May 70	Dec'74		Sn.Col.temp.rain.
V O	"				3	7x	Jan'75	Jul'78		Temp.rain.
V O	Orland	44 35	68 45	130	1	11	Nov'72	Feb'76		Temp.rain.clds.wind.
V O	Surrey	44 30	68 30	50	4	5x	Jun'70	Dec'74		Sn.Col.temp.rain.
V O	"				3	9x	Jan'75	Nov'80		Temp.rain.
	WASHINGTON									
W S	Calais	45 11	67 15		1	3	Aug'83	Oct'89	R	Temp.
V O	Eastport	44 54	66 59	30	2	0	Jan'33	Dec'34	T	Sn.Col.Rain.
S S	"				16	9	Apl'73			Full observations.
V O	Ft.Sullivan	44 54	66 59	73	26	4x	Jan'22	Sep'79		Sn.Col.temp.rain.
V O	Perry	45 00	67 05	100	9	4x	Feb'54	Jul'65		Sn.Col.temp.rain.
W S	Petit Manan	44 22	67 52		4	9x	May 85			Temp(max-min).rain.
V O	Steuben	44 31	67 58	50	12	2x	May 50	Nov'66	T	Sn.Col.Average rain.
V O	"				16	1x	Mar'54	May 70		Sn.Col.temp.rain.
	YORK									
V O	Biddeford	43 30	70 27	45	4	1x	Jul'43	Feb'54		Sn.Col.temp.rain.
V O	Cornish	43 44	70 51	784	17	3	Apl'56	Dec'73		Sn.Col.temp.rain.
V O	"				16	0	Jan'74			Bar.temp.rain.clds.wind.
V O	Saco	43 31	70 26	60	5	10x	Jul'45	Dec'51		Sn.Col.temp.rain.

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	CUMBERLAND	° ′	° ′							
W S	Bridgeton	43 53	70 42		1	11	Apl'85	Feb'87		Temp(max-min).rain.
V O	Brunswick	43 54	69 57	74	51	6	Jan'07	Dec'59		Sm.Col.temp.rain.
V O	North Bridgeton	44 02	70 48	300	1	0	Jan. to	Dec'61		Sm.Col.temp.rain.
V O	Portland	43 39	70 15	50	39	8x	Jan'29	Dec'59		Sm.Col.temp.rain.
S S	"			95	19	0	Jan'71			Full observations.
V O	"			95	1	3	Sep'72	Nov'73		Temp.rain.
V O	Fort Preble (Portland)	43 39	70 15	53	29	7x	Jan'24	Dec'73		Sm.Col.temp.rain.
H D	"				13	2	Jan'74			Temp.hyg.rain.wind.
V O	Sebago Lake	43 45	70 30	280	4	5	Jan'74	Mar'78		Temp.rain.wind.
W S	"				1	1	May 85	Aug'86	T	Rain.
V O	Standish	43 45	70 37	280	6	10x	May 85	Dec'74		Sm.Col.temp.rain.
	SAGADAHOC									
V O	Bath	43 55	69 49	50	10	7x	Jan'32	Jul'42		Sm.Col.temp.rain.
V O	Topsham	43 54	69 57	80	1	3x	Oct'59	Jul'61		Sm.Col.temp.rain.

List of Stations having less than one year's record and which are not now in operation.

Station	County	Station	County
Acton	York	North Buffalo	?
Blue Hill	Hancock	North Palermo	Waldo
Brower Village	Penobscot	Norway	Oxford
Duckfield	Oxford	Old Town	Penobscot
Cushing	Knox	Palermo	Waldo
Dover	Piscataquis	Patten	Penobscot
East Exeter	Penobscot	Pembroke	Washington
Embden	Somerset	Prospect	Waldo
Foxcraft	Piscataquis	Sebec	Piscataquis
Lincolnville	Waldo	Skowhegan	Somerset
Linneus	Aroostook	South Thomaston	Knox
Millbridge	Washington	Waterville	Kennebec
Mountville	Waldo	Weaster	Androscoggin
Monson	Piscataquis	Windham	Cumberland
New Sharon	Franklin	West Jonesport	Washington
Newcastle	Lincoln		

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	ALLEGHANY	°	′	°	′							
V O	Cumberland	39	39	78	45	700	13	5	Jan'59	May'72		Sm.Col.Temp.rain.
V O	"						17	7	Jun'72			Temp(max-min).rain.
RNF	"							6	Jul'89		T	Rain.
V O	Mt.Savage	39	42	78	52	1818	1	0	Jan'46	Dec'46	R	Sm.Col.Temp.(Erie House)
	WASHINGTON											
V O	Green Spring Furnace	39	39	77	55	500	1	11	Jan'72	Nov'73		Sm.Col.Temp.rain.
V O	Leistertown (near)	39	42	77	30		4	1	Jun'58	Jun'62		Sm.Col.Temp.rain.
	FREDERICK											
V O	Emmittsburg	39	43	77	20	498	7	0x	Nov'66	Nov'73		Sm.Col.Temp.rain.(Mt.St.Mary's College)
V O	"					720	11	10x	Sep'75			Bar.temp(max-min)hyg.rain.
V O	Frederick	39	24	77	24	400	11	11x	Jan'54	Apl'72		Sm.Col.Temp.rain.
V O	"						1	1	Dec'88			Temp(max-min).rain.
V O	New Market	39	10	77	15	500		5	Aug'73	Dec'73		Sm.Col.Temp.rain.
V O	"						5	6x	Jan'74	Sep'78		Bar.temp.wind.clds.rain.
V O	New Midway	39	34	77	15	485	1	5x	Sep'86	Feb'83		Temp(max-min)wind.rain.
	CARROLL											
V O	Mt.Airy	39	22	77	05	813	1	11	Jan'72	Nov'73		Sm.Col.Temp.rain.(Hanesville)
V O	"						0	11	Jan'74	Nov'74		Temp.wind.clds.rain.
V O	Sam's Creek	39	23	77	03	1100	1	9x	Jun'71	Nov'73		Sm.Col.Temp.rain.
V O	"							4	May 74	Aug'74		Temp.wind.clds.rain.
V O	Schellman's Hill	39	25	77	00	700	20	0	Jan'46	Dec'65		Sm.Col.Temp.broken rain. (near Sykesville)
	BALTIMORE											
V O	Baltimore	39	17	76	37	30	19	10x	Jan'17	Aug'59		Sm.Col.Temp.rain.
S S	"						19	0	Jan'71			Full observations
V O	Catonsville	39	17	76	42	500	2	3	Dec'65	Feb'68	R	Sm.Col.Temp.
M D	Ft.Mc.Henry	39	16	76	35	36	28	6	Jan'31	Jun'59		Sm.Col.Temp.rain.
M D	"						26	5x	Apl'61			Temp(max-min)wind.clds.rain.
V O	Mc.Donogh School	39	23	76	46	545	14	0	Jan'76			Bar.temp(max,min)hyg.rain. (Owing's Mills)
V O	Reistertown	39	30	76	40	1100	1	1	Nov'72	Nov'73		Sm.Col.Temp.rain.

X Record broken.

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	BALTIMORE Con-	° ′	° ′							
V O	Reistertown	39 30	76 40	1100	1	3	Dec'73	Feb'75		Temp.wind.clds.rain.
	HARFORD									
V O	Fallston	39 30	76 24	300	3	3	Sep'70	Nov'73		Sm.Col.Temp.rain.(Oakland School)
V O	"			450	15	5x	Dec'73	.	.	Bar.temp.wind.clds.rain.
	CECIL									
V O	Woodlawn	39 39	76 04		8	11	Dec'05	Nov'73		Sm.Col.Temp.rain.
V O	"				2	1	Dec'73	Dec'75		Bar.temp.wind.clds.rain.
	MONTGOMERY									
V O	Gaithersburg	39 06	77 08	516	1	8	May 83		R	Temp.(Summit Hall)
V O	Great Falls				8	6x	Apl'78	Feb'90		Temp.rain.
V O	Sandy Spring	39 08	77 00	500	7	7	Dec'73	Jun'84		Bar.temp.wind.rain(The Cedars
	HOWARD									
V O	Ellicott City				1	0x	Nov'71	Apl'73		Sm.Col.Temp.rain(St.Clement's Hall)
V O	Woodstock College	39 19	76 51	400	3	1	Dec'70	Dec'73		Sm.Col.Temp.rain.
V O	"				15	2x	Jan'74			Bar.temp(max-min)hyg.wind. clds.rain.
	KENT									
V O	Chestertown	39 13	76 04	85	6	0x	Jan'55	Jul'34		Sm.Col.Temp.rain.
V O	Galena	39 20	75 55		1	4	Sep'88			Temp.rain.
	PRINCE GEORGE									
V O	Agricultural College	38 09	76 57		1	1x	Mar'31	Jul'32		Sm.Col.Temp.rain.
V O	Bladensburg	38 57	76 56	105	9	0x	Dec'54	Aug'65		Sm.Col.Temp.rain.
M D	Fort Foote	38 48	77 02	95	7	4	Jul'71	Oct'78		Temp(max-min)hyg.wind.clds. rain.
V O	Fort Washington	38 42	77 04	30	14	4x	Jan'22	Dec'53		Sm.Col.Temp.rain.
M D	"				3	0x	May 88	Aug'72		Temp(max-min)hyg.wind.clds. rain,
	ANNE ARUNDEL									
V O	Annapolis	38 58	76 30	20	13	11x	Jan'57	Dec'73		Sm.Col.Temp.rain.
V O	"				2	2	May 71	Jun'73		Bar.temp.hyg.wind.clds.rain (Navy Hospital)

X Record broken.

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		° ′	° ′						
	ANNE ARUNDEL Con-								
V O	Ft. Severn	38 59	76 29	20	7 3x	Jan'22	Jul'45		Sm.Col.Temp.rain.
V O	Gambrills	39 02	76 40		0 10x	Sep'83			Temp.rain.
V O	Jewell	38 45	76 37		1 4	Sep'83			Temp.wind.direc.rain.
	QUEEN ANNE								
V O	Queenstown	38 58	76 10		2 1x	Feb'79	Dec'81	R	6 A.M.temp.only.
	ST MARY'S								
V O	Leonardtown	38 17	76 43		1 2x	Jan'58	Dec'59	R	Sm.Col.Temp.
V O	"				0 2	Nov'89			Temp(max-min).rain.
V O	St.Marys	38 10	76 28	45	7 10x	Dec'59	Feb'71		Sm.Col.Temp.rain.
V O	Ridge	38 05	76 18		1 1x	May 56	Jun'57	R	Sm.Col.Temp.
V O	St.Inigoes	38 10	76 20	10	2 3x	Feb'71	Nov'73		Sm.Col.Temp.rain.
V O	"				5 2	Jan'74	Feb'79		Temp.wind.clds.rain.
	WICOMICO								
V O	Barren Creek Spring	38 30	75 39		1 7	Jun'88			Temp(max-min)wind.rain.
	WORCESTER								
S S	Ocean City	38 18	75 05		5 8x	Aug'82			Temp(max-min)wind.dir.rain.

List of Stations having less than one year's record and which are not now in operation.

Station	County
Deer Park	Garrett
Elkton	Cecil
Emory Grove	Baltimore
Federalsburg	Caroline
Glyndon	Baltimore
Hagerstown	Washington
Isthmus	Talbot
Linwood	Carroll
New Windsor	Carroll
Nottingham	Prince George
Oakland	Garrett
Port Deposit	Cecil
Union Bridge	Carroll

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	BERKSHIRE	°	′	°	′							
V O	Bear Mt.	42	15	73	15	2000	2	8x	Mar'80	Nov'82		Temp.wind.clds.rain.
W S	Dalton	42	23	73	10	1198	3	1x	Nov'84	Dec'87		Temp.rain.
V O	Florida	42	39	73	00	1850	2	0x	Jan'57	Nov'73		Sm.Col.temp.rain.
V O	"						3	5	Dec'73	Apl'77		Temp.wind.clds.rain.
V O	Hinsdale	42	27	72	07	1260	3	3x	Jul'68	Jan'73		Sm.Col.temp.rain.
V O	"						1	11x	May 74	Dec'76		Temp.wind.clds.rain.bar.
V O	Lenox	42	20	73	18	1000	2	0	Jan'37	Dec'38	R	Temp.(Rpt.Brit.Assn.1847)
V O	North Adams	42	42	73	05	710	1	4x	Aug'71	Feb'73		Sm.Col.temp.rain.
V O	"						1	0x	Jan'74	Apl'74		Temp(max-min)wind.clds.rain bar.
V O	Pittsfield	42	27	73	15	1084	1	3x	1851	1853	R	Sm.Col.temp.
V O	Richmond	42	23	73	22	1100	15	2x	Jan'54	Dec'72		Sm.Col.temp.rain.
V O	Williamstown	42	42	73	13	690	38	4x	Jan'16	Mar'72		Sm.Col.temp.rain.
V O	"						14	9x	Feb'74			Temp.wind.clds.rain.bar.hyg.
W S	"						3	9x	Dec'84			Temp.rain.bar.hyg.
	FRANKLIN											
V O	Deerfield	42	31	72	37	175	1	7x	Apl'06	Nov'07	R	Sm.Col.temp.
V O												
W S	"						5	1	Dec'84			Temp(max-min)wind.rain.
V O	Heath	42	40	72	50	1500	8	10x	Feb'81		R	Temp.clds.wind.
V O	Rowe	42	42	72	54	1600	8	7	Jun'77			Temp.wind.clds.rain.bar.
W S	"						4	6	Nov'84	Apl'89		Temp.rain.
V O	Warwick	42	41	72	21		1	3x	Jun'06	Sep'07	R	Sm.Col.temp.
W S	"						2	1x	Aug'86	Feb'89	R	Temp.
V O	Wendell	43	30	72	00	600	2	1	Jul'74	Jul'76		Temp.wind.clds.rain.
	WORCESTER											
V O	Baldwinsville	42	37	72	04	847	2	7x	Mar'63	Dec'65		Sm.Col.temp.rain.
V O	Clinton	42	25	71	42	308	0	9x	May 60	Mar'61		Sm.Col.temp.rain.
V O	"						1	11	Nov'73	Sep'80		Temp.wind.clds.rain.bar.
W S	"						3	0x	Dec'86		T	Rain.
V O	Dudley	42	02	71	55	800	7	0x	Feb'82			Temp(max-min)wind.clds.rain. bar.hyg.(Conant Observatory)
W S	"						5	1	Nov'84			Temp.rain.
W S	Fiskdale	42	05	72	09		2	3	Oct'87		T	Rain.
V O	Fitchburg	42	36	71	50	700	30	11x	Jan'57	Dec'87		Temp.rain.
W S	"						5	2	Nov'84			Temp.rain.

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	WORCESTER Con-	° ′	° ′							
W S	Gilbertville	42 17	72 13	500	4	6x	Jun'85			Temp.rain.
V O	Leicester	42 15	71 55	910	1	1	Jan'85	Jan'86		Temp.wind.rain.bar.hyg.
V O	"			1011	1	0	Jan'89			Temp.wind.rain.bar.hyg.
W S	"				2	6x	Dec'84			Temp.rain.
V O	Leominster	42 30	71 49	373	0	1	Jan'06		R	Sm.Col.temp.
W S	"				5	2	Nov'84		T	Rain.
V O	Lunenburg	42 36	71 44	450	35	11	Jan'38	Nov'73		Sm.Col.temp.rain.
V O	"				1	1	Dec'73	Dec'74		Temp,wind.clds.rain.bar.
V O	Mendon	42 06	71 33	422	37	10x	Jan'33	Dec'73		Sm.Col.temp.rain.
V O	"				12	3x	Jan'74	Apl'86		Temp.wind.clds.rain.
W S	Milford	42 08	71 30	244	0	2	Dec'84	Jan'85	R	Temp.
W S	"				1	11x	Dec'84	Apl'87	T	Rain.
V O	Princeton	42 30	71 55	1125	3	6x	Jan'54	Dec'57		Sm.Col.temp.rain.
V O	"				5	5x	Jul'81	Dec'86		Temp.wind.clds.rain.bar.hyg.
W S	"				4	10x	Nov'84			Temp.rain.bar.hyg.
V O	Royalston	42 41	72 11		1	4	Sep'88			Temp.rain.
V O	Westborough	42 16	71 33	298	15	0	Jan'75			Temp(max-min).rain.
W S	"				5	0x	Dec'84			Temp.rain.
	Worcester	42 16	71 49							
V O	"(Asylum)			433	31	3x	Jan'40	May'72		Sm.Col.temp.rain.
V O	"(Hall)			560	12	4x	Nov'39	Dec'73		Sm.Col.temp.rain(Nov-Mar)
V O	"(Hall)				13	2x	Jan'74	Mar'81		Temp.rain(Nov-Mar)
V O	"(Hall)				8	8	Apl'81			Temp(max-min)wind.clds.rain. bar.
V O	"(Academy)			622	2	6	Dec'75	May 78		Temp.wind.clds.rain.bar.hyg.
W S	Worcester				3	2x	Nov'84			Temp.rain.
	MIDDLESEX									
V O	Cambridge	42 22	71 07	74	67	0x	Jul'1780	Dec'73		Sm.Col.temp.rain.
V O	"				13	0	Jan'74	Dec'86	T	Rain.
V O	"(Observatory)				11	6	Jul'77			Optical & Elec.phenom.
W S	Cambridge				5	2	Nov'84			Temp.rain.
V O	Chestnut Hill	42 20	71 12	124	11	10	Jan'73	Oct'84	T	Rain.
W S	"				5	2	Nov'84			Temp.rain.
V O	"				0	9	Apl'89			Temp(max-min).rain.
V O	Concord	42 27	71 21	126	0	4	Jan'06	Apl'06	R	Sm.Col.temp.
V.O	(Observatory)				1	0	Jan'89			Temp(max-min) rain Mass.2

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	MIDDLESEX Con-	° ′	° ′						
W S	Concord	42 27	71 21	126	3 4	Jan'85	Mar'88		Temp.rain.
V O	Framingham	42 17	71 27	160	5 10	1843	1852		Sm.Col.temp.rain.
W S	Groton	42 36	71 34	303	4 6	Jul'85			Temp.rain.
W S	Hopkinton	42 14	71 32		1 3x	May 85	Oct'86	T	Rain.
W S	Kendall Green	42 22	71 17		0 1	Dec'89		T	Rain.
V O	Lake Cochituate	42 17	71 25	140	22 0	Jan'52	Dec'73	T	Sm.Col.temp.
V O	"				10 11	Jan'74	Nov'84	T	Rain.
W S	"				5 1	Dec'84			Temp.rain.
V O	Lowell	42 39	71 17	226	7 0	Jan'46	Dec'52	R	Sm.Col.temp.
W S	"				5 2	Nov'84			Temp.rain.
V O	"(Merrimac Co)				61 0	Jan'26	Dec'86	T	Rain.
V O	"(Locks & Canals)				35 0	Jan'55		T	Rain.
W S	Medford	42 25	71 07	3	5 1x	Nov'84		T	Rain.
W S	Melrose	42 28	71 04	62	1 5	Mar'85	Jul'86	T	Rain.
V O	Mystic Lake	42 26	71 09	12	8 0	Jan'76	Dec'83	T	Rain(yearly sums)
W S	"				5 0x	Dec'84		T	Rain.
W S	Mystic Station	42 25	71 08	10	5 1	Dec'84			Temp.rain.
V O	Natick	42 17	71 22	170	1 0	Jan'89			Temp.rain.
V O	North Billerica	42 35	71 16	135	7 11	Feb'66	Dec'73	R	Sm.Col.temp.
V O	"				0 8	Jul'72	Sep'73	T	Sm.Col.rain.
V O	"				7 5	Jan'74	May 81	R	Temp.wind.clds.bar.
V O	"				1 0	Jan'89			Temp.rain.
W S	Roberts Dam				0 1	Dec'89		T	Rain.
V O	Stowe	42 26	71 30		10 0x	Jan1792	Dec1804	T	Rain.
V O	Sudbury	42 24	71 25	127	1 0	Jan'89		T	Rain.
V O	Waltham	42 25	71 16	180	46 10x	Apl'24	Dec'72	T	Sm.Col.rain.
V O	"				6 9x	Jan'73	Feb'80		Temp(max-min)wind.clds.rain.
W S	"				4 10x	Feb'85		T	Rain.
M D	Watertown	42 21	71 10	45	7 3x	Jun'36	Nov'44		Temp.rain.
V O	"				0 4	Jan'78	Sep'78		Temp.wind.clds.rain.
V O	West Newton	42 21	71 13	55	3 9x	Mar'67	May 71		Sm.Col.temp.rain.
W S	Westvale	42 27	71 25		1 4	Sep'85	Dec'86		Temp.rain.
W S	Winchester	42 27	71 08	27	5 1	Dec'84		T	Rain.
	ESSEX								
V O	Andover	42 38	71 06	296	11 0	Jan1798	Dec'08	R	Sm.Col.temp.

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	ESSEX Con-	° ′	° ′						
V O	Andover	42 38	71 06	296	2 10	Jan'74	Oct'76		Temp.wind.clds.rain.bar.
W S	Beverly Farms	42 30	70 50	73	3 3x	Jun'85	Sep'89		Temp.rain.
V O	Bradford	42 46	71 05		2 0	Jan1772	Dec1773		Sm.Col.temp.rain.
V O	Georgetown	42 43	71 00	225	5 4x	Feb'65	May 72		Sm.Col.temp.rain.
V O	Ipswich	42 41	70 50	50	3 0			R	Temp(Rept.Brit.Assn.1847)
V O	Lawrence	42 42	71 10	143	16 11x	Jan'56	Dec'73		Sm.Col.temp.rain.
V O	"				7 4	Jan'74	Apl'81		Temp.wind.clds.rain.bar.hyg.
W S	"	42 42	71 13	51	5 0	Jan'85			Temp.rain.
V O	Lynn	42 28	70 56	40	4 0	Jan'49	Dec'53		Sm.Col.temp.rain.
V O	"				4 6	Jul'72	Dec'76	T	Rain.
V O	"				0 1		Dec'78	R	Temp.
W S	"				4 3	Oct'85			Temp.rain.
W S	Manchester	42 35	70 45		1 7x	May 85	Dec'87		Temp.rain(May-Oct)
W S									
V O	Nahant	42 26	70 54		0 11x	Jun'88			Temp(max-min)wind.rain.hyg.
V O	Newbury	42 48	70 59	25	6 8x	May 64	Dec'73		Sm.Col.temp.rain.
V O	Newburyport	42 48	70 49	60	6 1x	Mar'06	Jun'52		Sm.Col.temp.rain.
V O	"				2 7x	Jan'74	Aug'76		Temp,wind.clds.rain.
V O	"				10 8	May 79			Temp(max-min)rain.bar.hyg.
V O	Salem	42 30	70 54		43 0	Jan1786	Dec'28	R	Sm.Col.temp.
V O	"				0 5x	Apl'73	Nov'73	T	Sm.Col.rain.
W S	"				5 2	Nov'84			Temp.rain.
W S	Swampscott	42 27	70 58		1 4x	Jul'86			Temp.rain(June-Oct)
S S	ThatchersIsld.	43 38	70 34	48	7 5	Jan'76	May 83		Full observations.
S S	"				1 8	Jun'83	Feb'85		Temp(max-min)wind.rain.
V O	Topsfield	42 39	70 46		10 0x	Apl'60	Feb'71		Sm.Col.temp.rain.
	HAMPSHIRE								
V O	Amherst	42 22	72 32	267	38 4	Aug'35	Nov'73		Sm.Col.temp.rain.
V O	"			267	18 1	Dec'74			Temp,wind.clds.rain.bar.hyg.
V O	"			260	5 0	Jan'85			Full observations.
W S	"				5 1x	Nov'84			Temp.rain.hyg.
W S	Mt.Nonotuck	42 16	72 37	870	3 8x	Feb'86		T	Rain.
V O	Northampton	42 19	72 38	115	0 8x	1844	1845	R	Sm.Col.temp.
V O	"				0 10x	Jun'74	Jun'75		Temp.wind.clds.rain.
W S	"				5 2	Nov'84			Temp.rain.

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[illegible]

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	SUFFOLK	° ′	° ′							
	Boston	42 21	71 04	125						
V O	"(Hale)				28	0x	Jan'18	Oct'48	T	Rain.
V O	"(Hall)				37	0	Jan'20	Dec'56	R	Temp.
V O	"(Hall)				44	0	Jan'23	Dec'66	T	Rain.
V O	"(Paine)				27	6x	Jan'25	Apl'58	R	Temp.
V O	"				1	4x	Feb'06	Nov'07	R	Sm.Col.temp.
V O	"				0	3x	Apl'57	Sep'57	T	Sm.Col.rain
V O	"(Water Works)				20	0x	1838	1867	T	Rain(yearly sum)
W S	" "				0	5	Jan'85	May 85	R	Temp.
W S	" "				4	1x	Dec'84		T	Rain.
V O	"(Supt.Sewers)				20	0	Jan'66	Dec'85	T	Rain.
S S	"				19	1	Nov'70			Full observations.
V O	Charlestown	42 22	71 03	42	11	0	Jan1792	Dec'02	T	Rain. Sm. Col.
V O	"				2	3x	Jan'82	Dec'84		Full observations.
V O	Chelsea	42 25	71 00	40	3	5x	Jan'61	Jun'35		Temp.rain.
M D	Ft.Independence	42 14	71 00	50	35	5x	Jan'24	Nov'79		Temp(max-min).rain.wind.hyg.
W S	South Boston	42 20	71 03		3	1x	Nov'84	Nov'87	R	Temp.
M D	Fort Warren	42 19	70 55		21	4x	Oct'62			Temp.wind.rain.hyg.
	HAMPDEN									
W S	Chicopee	42 12	72 35	83	4	0x	Mar'85			Temp.rain.
W S	Holyoke	42 12	72 36	113	3	3x	Jan'85			Rain.broken temp.
V O	"				1	0	Nov'88	Oct'89		Full observations.
W S	Ludlow	42 12	72 29	381	4	3	Oct'85			Temp.rain.
W S	Monson	42 05	72 20	420	4	8x	Jan'85			Temp.rain.
V O	Southwick	42 03	72 46	265	1	0x	Jan'49	Dec'51	R	Sm.Col.temp.
V O	"				6	0x	Jan'49	May 57	T	Sm.Col.rain.
V O	Springfield Armory	42 05	72 35	197	27	0	Jan'48	Dec'74		Temp.rain.
V O	" "			197	10		Jan'75	Dec'84		Temp,wind.clds.rain.bar.hyg.
W S	" "			197	5	1x	Nov'84			Temp.rain.bar.hyg.
V O	"				1	10	Jul'78	Apl'80		Temp.wind.clds.rain.
M D	"				1	1	Dec'88			Temp.rain.
S S	"			120	8	2	Nov'74	Dec'82		Full observations.
V O	Westfield	42 06	72 45	180	10	8x	Mar'52	May 66		Sm.Col.temp.rain.
V O	West Springfield	42 07	72 38	300	1	0	Nov'49	Oct'50	T	Sm.Col.rain.

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	NORFOLK	° ′	° ′						
	Blue Hill								
V O	"(Summit)	42 13	71 07	635	4 11	Feb'85			Full observations.
V O	"(Base)			200	3 6	Jul'86			Temp.rain.
V O	"(Valley)	42 14	71 07	50	1 6	Jul'88			Temp.rain.
V O	Medfield	42 15	71 18		2 0	Jan'31	Dec'32	R	Sm.Col.temp.
V O	Milton	42 15	71 06	115	6 7x	Jan'67	Dec'73		Sm.Col.temp.rain.
V O	"				12 1x	Jan'74			Temp.wind.clds.rain.
W S	"				4 7x	May 85			Temp.rain.
V O	Milton Centre				40 0	Jan'49	Dec'88	R	Temp.
W S	Randolph	42 08	71 05	200	1 8x	Mar'87	Dec'87		Temp.rain.
W S	"				1 0	Jan'89		T	Rain.
W S	Wellesley	42 17	71 20	140	4 7x	Apl'85			Temp.rain.
V O	Weymouth	42 12	70 56	150	1 9x	May 56	Jan'59		Sm.Col.temp.rain.
	BRISTOL								
V O	Fall River	41 42	71 09	220	0 2	Nov'61	Dec'61		Sm.Col.temp.rain.
V O	"				15 5	Aug'74			Temp(max-min)wind.clds.rain. bar.anemom.
W S	"				2 4x	May 87			Temp.rain.
W S	Long Plain	41 44	70 55	55	5 0	Jan'85			Rain.broken temp.
W S	Mansfield	42 01	71 15	150	2 11	Feb'87			Temp.rain.
V O	New Bedford	41 39	70 56	100	61 0x	Oct'12	Dec'73		Sm.Col.temp.rain.
V O	"				16 0	Jan'74			Temp.wind.clds.rain.bar.hyg.
W S	"				5 2	Nov'84			Temp.rain.
V O	North Attleboro	41 52	71 23	175	1 0	Sep'52	Aug'53	T	Sm.Col.rain.
V O	"				3 3	Jan'54	Mar'57	R	Sm.Col.temp.
V O	Somerset	41 47	71 03	40	1 7	Jul'72	Dec'73		Sm.Col.temp.rain.
V O	"				16 0	Jan'74			Temp.wind.clds.rain.
V O	Taunton	41 54	71 05	30	0 10x	May'54	Mar'56	R	Sm.Col.temp.
V O	"				12 4	Feb'71	May 83		Temp.rain.
V O	"				6 5x	Jun'83			Temp.wind.clds.rain.bar.hyg.
W S	"				5 2	Nov'84			Temp.rain.
	PLYMOUTH								
V O	Bridgewater	42 00	71 00	142	3 1x	Apl'56	Jan'61		Sm.Col.temp.rain.
V O	Kingston	42 00	70 45	65	7 5	Jul'66	Nov'73		Sm.Col.temp.rain.
V O	"				0 5	Dec'73	Apl'74		Temp.rain.
W S	"				0 4	Nov'84	Feb'85		Temp.rain.

X Record broken.

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	PLYMOUTH Con-	° ′	° ′						
W S	Middleboro	41 53	70 55		3 0	Jan'87			Temp.rain.
W S	Plymouth	41 57	70 40	55	3 6x	Jun'86			Temp.rain.
W S	South Hingham	42 13	70 53	63	4 1x	Oct'85			Temp.rain.
	BARNSTABLE								
V O	Barnstable	41 42	70 23	20	0 11x	Aug'52	Aug'53	T	Sm.Col.rain.
V O	"				0 2	Jan'54	Feb'54	R	Sm.Col.temp.
W S	Brewster	41 47	70 02	43	1 0	Jan'89			Temp.rain.
W O	"				0 2	Nov'89			Temp(max-min)wind.clds.rain. bar.hyg.
W S	Cotuit	41 37	70 23	60	5 0	Jan'85			Temp.rain.
V O	North Truro	42 02	70 03	140	1 3	Oct'86	Dec'87	T	Rain.wind.
W S	"				1 3	Oct'86	Dec'87	T	Rain.
S S	Provincetown	42 03	70 11	26	2 2	Feb'82	Mar'84		Full observations.
W S	"				3 5x	Dec'84		R	Temp.
V O	"			13	0 2	Jul'86	Oct'86		Temp(max-min).rain.
V O	"			25	1 9x	Jan'88			Temp(max-min).wind.clds.rain.
V O	Sandwich	41 45	70 30		2 1x	Apl'63	Dec'65		Sm.Col.temp.rain.
V O	Woods Holl	41 33	70 40	22	0 5x	Jan'54	Apl'55		Sm.Col.temp.rain.
S S	"				9 0	Jan'73	Jan'82		Full observations.
S S	"				0 2	Nov'86	Dec'86		Temp(max-min).wind.rain.
S S	"				0 4	Jan'87	Apl'87		Full Observations.
S S	"				2 7	May 87			Temp(max-min)wind.rain.
	DUKES								
S S	Cottage City	41 29	70 37		0 7	Apl'86	Oct'86		Temp(max-min)wind.rain.
S S	Edgartown	41 23	70 30		1 10	Aug'86	May 88		Temp(max-min)wind.rain.
O	Vineyard Haven	41 26	70 43		1 5	Aug'72	Dec'73		Sm.Col.temp.rain.
O	"			25	2 3	Jan'74	Mar'76		Temp.wind.rain.
S	"				3 2	Nov'86			Temp(max-min).wind.rain.
	NANTUCKET								
O	Nantucket	41 17	70 06		2 2x	Jan'27	Jan'31	R	Sm.Col.temp.
O	"				13 3x	Jan'47	Mar'61		Sm.Col.temp.rain.
S	"			45	4 5	Aug'85			Temp.rain.
S	"			14	3 3	Oct'86			Full observations.

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List of Stations having less than one year's record and which are not now in operation.									
	Station	County							
	Bird Island	Plymouth							
	Byfi ld	Essex							
	Canton	Norfolk							
	Cohasset	Norfolk							
	Danvers	Essex							
	Duxbury	Plymouth							
	East Douglass	Worcester							
	Falmouth	Barnstable							
	Grafton	Worcester							
	Harwich	Barnstable							
	Hingham	Plymouth							
	Marion	Plymouth							
	Middleton	Essex							
	Minots Ledge	Norfolk							
	Newton	Middlesex							
	North Beverly	Essex							
	Northfield	Franklin							
	Petersham	Worcester							
	Piedmont	Berkshire							
	Plainfield	Hampshire							
	Quincy	Norfolk							
	Roxbury	Suffolk							
	Fort Sewall	Essex							
	Southboro	Worcester							
	West Dennis	Barnstable							
	West Stockbridge	Berkshire							
	Wilbraham	Hampden							

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		°	′	°	′							
	KEWEENAW.											
V O	Central Mine	47	24	88	12	1250	4	6	May'67	Oct'71		Smithsonian Collection.
W S	" "							9x	May'87	Feb'88		Bar., Temp. (max.min.), Wind, Rain
V O	Copper Falls-Mine.....	47	25	88	16	1250	1	9	Dec'55	Aug'57		(Near Eagle Harbor). Sm. Col.
V O	Eagle River-Mine.....	47	25	88	26	1020	1	1	Dec'55	Dec'56		Smithsonian Collection.
V O	Eureka Valley	47	06	88	51	800	1	4x	Mar'62	Feb'64		Rain for 4 months only. Sm. Col
V O	Fort Wilkins	47	30	88	00	630	2	1	Jun'44	Jun'46		(Keneewa Point). Sm. Col.
	ONTONAGON.											
V O	Ontonagon	46	53	89	31	630	13	9x	Aug'59	Apl'73		Smithsonian Collection.
	HOUGHTON.											
W S	Atlantic Mine	47	04	88	48		1	4x	Aug'88			Temp. (max.min.) and Rain.
W S	Calumet	47	24	88	12	1250	2	6	Jul'87			Bar., Temp. (max.min.), Wind, Rain
	IRON.											
W S	Crystal Falls	46	06	88	19			2	Nov'89			Temp. (max.min.) Wind, Rain.
	MARQUETTE.											
V O	Marquette	46	32	87	35	710	10	4	Sep'57	Dec'67		Rainfall broken. Sm. Col.
S S	"	46	34	87	24	735	18	8	May'71			2d Order Station.
	CHIPPEWA.											
V O	Brady Fort	46	31	84	43	600	35	9x	Jan'22	Dec'74		Smithsonian Collection.
M D	" " "						16	6x	Jan'67			Temp. (max.min.) Wind, Clds. Rain.
V O	Sault de Ste-Marie.....	46	23	84	22	642	1	10	Sep'23	Jun'25	R	Smithsonian Collection
W S	" " "							3	Oct'87	Dec'87		Temp. (max.min.) Wind, Rain.
S S	" " "						3	2	Aug'77	Sep'80		Sunset station. Temp., Wind, Clouds and Rain.
S S	" " "						1	6	Jul'88			2d Order Station.
V O	Sugar Island	46	29	84	15	574	3	11x	Nov'63	Dec'73		Temp., Rain for only 6 mos. Sm. C.
V O							1	3	Jan'74	Mar'75		Temp., Wind, Clouds, Rain.
	SCHOOLCRAFT.											
W S	Gulliver Lake	46	00	86	10		1	1x	Oct'88			Bar. Temp. (max.min.), Wind, Rain.
V O	Manistique	45	58	86	15	511	2	3	Jan'84	Mar'86		Bar., Temp. (max.min.), Hyg. Wind, and Rain.
W S	"							1	Jun'86			Temp. (max.min.), Wind, Rain.

X Record broken.

													CHARLEVOIX.
0	Central Lake	47	24	41	12	1250	4	8	May'57	Oct'71			Smithsonian Collection.
2	" "								9x	May'57	Ev'L'L8		Bar., Temp. (max.min.), Wind, Rain.
													CHEBOYGAN.
0	Cooper Falls- Mine	47	24	00	16	1250	1	9	Dec'88	Aug'57			(Near Rapid Harbor). Sm. Col.
0	Black River- Lime	47	24	00	32	1000	1	1	Dec'88	Dec'53			Smithsonian Collection.
0	Lake Valley	47	00	02	11	800	1	4x	Mar'81	Feb'84			Rain for 4 months only. Sm. Col
0	Port Huron	47	40	00	00	630	2	1	Jun'44	Jun'46			(Reserve Point). Sm.Col.
													CLINTON.
0	Ontario	41	35	30	31	250	12	9x	Aug'50	Apl'75			Smithsonian Collection.
													DETROIT.
2	Belle Isle	47	04	83	02		1	4x	Aug'03				Temp. (max.min.) and Rain.
2	Cleary	47	24	80	12	1250	2	6	Jul'07				Bar., Temp. (max.min.), Wind, Rain.
													LYONS.
2	Crystal Falls	42	00	88	19			2	Nov'89				Temp. (max.min.), Wind, Rain.
													MACKINAC.
0	Marquette	46	32	87	38	710	10	4	Sep'57	Dec'87			Rainfall broken. Sm. Col.
2	"	46	24	87	34	735	18	8	May'71				24 Order Station.
													CHEBOYGAN.
0	Lower Fort	44	31	84	43	600	36	9x	Jan'22	Dec'74			Smithsonian Collection.
2	" "						16	6x	Jan'87				Temp. (max.min.), Wind, Clds. Rain.
0	Sault de Ste- Marie	46	28	84	22	642	1	10	Sep'35	Jun'35		R	Smithsonian Collection
2	" " "							3	Oct'87	Dec'87			Temp. (max.min.), Wind, Rain.
2	" " "							3	2	Aug'77	Sep'80		Sunset station. Temp., Wind, Clouds and Rain.
2	" " "							1	6	Jul'88			24 Order Station.
0	Beaver Island	45	29	84	15	574	3	11x	Nov'63	Dec'73			Temp., Rain for only 8 mos. Sm. C.
0								11	3	Jan'74	Mar'76		Temp., Wind, Clouds, Rain.
													ICHOGUEMAW.
2	Galliver Lake	42	00	83	10		1	1x	Oct'88				Bar. Temp. (max.min.), Wind, Rain.
0	Ishpeming	45	32	83	15	511	2	3	Jan'84	Mar'86			Bar., Temp. (max.min.), Hyg. Wind, and Rain.
2	"							1		Jun'06			Temp. (max.min.), Wind, Rain.

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		°	′	°	′							
	MACKINAC.											
V O	Fort Mackinac	45	51	84	40	728	27	6x	Sep'25	Apl'61		Smithsonian Collection.
M D	"						2	7x	Jan'60			Temp.(max.min.)Hyg.,Wind,Cld.R.
W S	St. Ignac	46	00	84	40	630	1	2x	Jul'87			Bar.,Temp.(max.min.)Wind,Rain.
	DELTA.											
S S	Escanaba	45	48	87	05	608	16	10	Jun'71	Mar'88		2d Order Station.
S S	"						1	9	Apl'88			3d Order Station.
W S	Lathrop	46	08	87	13		1	11	Feb'88			Temp.(max.min.),Wind,Rain.
	MANITOU.											
V O	St. James	45	44	85	00	596	3	4x	Sep'52	May'56		(Bear Island). Sm. Col.
	EMMET.											
W S	Petoskey	45	22	84	57	637	1	4x	Jan'78	Apl'88		Temp.(max.min.),Humidity,Wind and Rain.
V O	"						1	5	Jan'79	May'80		Temp.,Hyg.,Wind,Clouds,Rain.
	CHEBOYGAN.											
S S	Mackinaw City	45	47	84	39	605	5	7	Sep'82	Mar'88		2d Order Station.
	CHARLEVOIX.											
V O	Boyne	45	10	85	05	592		9x	Nov'84	Nov'85		Bar.,Temp.(max.min.),Hyg., Wind,Clouds and Rain.
W S	"							8x	Jan'85	Jan'87		Temp.(max.min.),Wind,Rain.
W S	Charlevoix	45	13	85	20	610	2	4x	May'87			Bar.Temp.(max.min.),Wind,Rain.
	LEELANAW.											
V O	Northport	45	08	85	40	592	7	6	Jun'66	Nov'73		Smithsonian Collection.
V O	"						11	10x	Dec'73	Feb'86		Temp.(max.min.),Wind & Rain.
	OTSEGO.											
W S	Gaylord	45	02	84	39		1	10x	May'87			Bar.,Temp.,(max.min.)Wind,Rain
	MONTMORENCY.											
W S	Hillman	45	04	83	47		2	2x	Oct'87			Temp.(max.min.),Wind,Rain.
W S	Vienna	44	59	84	20			1	Jan'89		T	
	ALPENA.											
S S	Alpena	45	05	83	30	609	17	3	Oct'72			2d Order Station.
V O	Thunder Bay Id.	45	02	83	17	575	13	0x	Aug'58	Dec'73		Smithsonian Collection.

X Record broken.

													MACKINAC.
0	Fort Mackinac	42	51	50	40	729	27	0x	Sep'80	Apr'01			Continental Collection.
0	"							2	Jan'00				Temp.(max.min.)Hyg.,Wind,Clouds.
2	St. Ignace	45	00	84	40	660	1	2x	Jul'07				Bar.,Temp.(max.min.)Wind,Rain.
						DETROIT.							
3	Detroit	42	49	87	05	602	16	10	Jun'71	Mar'08			2d Order Station.
2	"						1	9	Apr'88				3d Order Station.
3	Lansing	45	00	87	15		1	11	Feb'03				Temp.(max.min.),Wind,Rain.
						MARQUETTE.							
0	St. Louis	46	44	85	00	620	3	4x	Sep'92	May'06			(Near Island). Sta. Col.
						SAGINAW.							
3	Saginaw	45	22	34	37	627	1	4x	Jan'78	Apr'83			Temp.(max.min.),Humidity,Wind and Rain.
0	"						1	3	Jan'79	May'80			Temp.,Hyg.,Wind,Clouds,Rain.
						SAULT STE. MARIE.							
2	Sault Ste. Marie	46	47	84	29	205	3	7	Sep'82	Mar'08			2d Order Station.
						GRAND HAVEN.							
3	Grand Haven	42	10	86	06	582		0x	Nov'84	Nov'85			Bar.,Temp.(max.min.),Hyg., Wind,Clouds and Rain.
2	"							8x	Jan'85	Jan'87			Temp.(max.min.),Wind,Rain.
2	Coldwater	45	15	85	10	910	2	4x	May'87				Bar.,Temp.(max.min.),Wind,Rain.
						ELK RIVER.							
0	Manistique	45	53	86	40	600	7	6	Jan'84	Nov'73			Smithsonian Collection.
0	"						11	10x	Dec'73				Temp.(max.min.),Wind & Rain.
						UTICA.							
0	Utica	42	02	84	49		1	10x	May'87				Bar.,Temp.,(max.min.)Wind,Rain.
						ICHIGAN CITY.							
2	Michigan	45	06	85	47		2	2x	Oct'87				Temp.(max.min.),Wind,Rain.
2	Flint	42	59	84	30			1	Jan'09			T	
						ALPENA.							
2	Alpena	45	05	83	30	690	17	3	Oct'72				2d Order Station.
0	Thunder Bay Is.	45	00	83	17	875	11	0x	Aug'83	Dec'72			Smithsonian Collection.

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		° ′	° ′						
	BENZIE.								
V O	Benzonia	43 37	86 10	818	3 6x	Jan'70	Dec'73		Smithsonian Collection.
W S	"				1 11	Sep'87	Jul'89		Temp.(max.min.)Wind,Rain.
V O	Homestead	44 36	86 02		2 9x	Jan'65	Feb'70		Rain for 2 months. Sm.Col.
	GRAND TRAVERSE.								
W S	Fyfe Lake	44 35	85 20		1 0	Jan'77	Dec'77		Temp.(max.min.)Wind,Rain.
V O	Traverse City	44 45	85 40	598	1 1	Dec'72	Dec'73		Smithsonian Collection.
V O	" "				10 3x	Jan'74			Bar.,Temp.,Hyg.,Wind,Rain.
	KALKASKA.								
W S	Fletcher	44 34	84 56		1 4x	Nov'87	Mar'89		Temp.(max.min.)Wind,Rain.
W S	Ivan	44 36	85 09		8	May'89			Temp.(max.min.)Wind,Rain.
	CRAWFORD.								
W S	Grayling	44 40	84 48		1 1x	Apl'87			Temp.(max.min.)Wind,Rain.
	OSCODA.								
W S	Mio	44 39	84 06	1000	1 4x	Aug'87			Temp.(max.min.)Wind,Rain
	ALCONA.								
W S	Harrisville	44 40	83 15	616	1 6	Jan'81	Jun'82		Temp.(max.min.)Wind,Rain.
V O	"				6 8x	Jul'82			Bar.,Temp.(max.min.)Hyg.,Wind and Rain.
	MANISTEE.								
W S	Bear Lake	44 26	86 05	781	2 1	Dec'87			Temp.(max.min.)Wind,Rain.
S S	Manistee	44 13	86 16	615	1 6	Jul'88			2d Order Station.
V O	Pleasanton	44 29	86 10	750	1 9	Dec'68	Aug'70		Smithsonian Collection.
	ROSCOMMON.								
W S	Roscommon	44 30	84 34		1 0	Jan'89			Temp.(max.min.)Wind,Rain.
	OGEMAW.								
W S	West Branch	44 17	84 13		2 0x	Oct'87			Bar.,Temp.(max.min.)Wind,Rain
V O	" "				1	Dec	'87		Temp.(max.min.)Hyg.Wind,Rain.
	IOSCO.								
V O	East Tawas	44 17	83 27	600	7x	Jan'83	Aug'83		Bar.,Temp.(max.min.)Hyg.Wind.R.
W S	" "				1 8x	Jul'87			Temp.(max.min),Rain.
V O	Tawas City	44 16	83 31	583	9 4	Sep'58	Dec'67		(Ottawa Point),Sm. Col.
	MASON.								
W S	Weldon Creek	43 53	86 08		1 0	Jan'89			Temp(max.min.)for only 1 month.

X Record broken.

											REMVIE.
0	Bancroft	42	37	88	10	818	3	6x	Jan'70	Dec'73	Southeastern Collection.
0	"						1	11	Sep'87	Jul'89	Temp.(max.min.)Wind,Rain.
0	Homestead	44	38	80	02		2	9x	Jan'05	Feb'70	Rain for 2 months. Sm.Col.
											GRAND TRAVERSE.
3	Kyle Lake	44	35	85	30		1	0	Jan'77	Dec'77	Temp.(max.min.)Wind,Rain.
0	Traverse City	44	42	85	40	398	1	1	Dec'72	Dec'73	Southeastern Collection.
0	" "						10	5x	Jan'74		Bar.,Temp.,Hyg.,Wind,Rain.
											GRATIOT.
3	Pleasant	44	34	84	56		1	4x	Nov'87	Mar'89	Temp.(max.min.)Wind,Rain.
3	Ivan	44	36	85	08		8		May'80		Temp.(max.min.)Wind,Rain.
											HILLSDALE.
2	Cylinder	44	40	84	48		1	1x	Apl'87		Temp.(max.min.)Wind,Rain.
											HOUGHTON.
3	Mio	44	39	84	08	1000	1	4x	Aug'87		Temp.(max.min.)Wind,Rain
											ALCONA.
3	Harrisville	44	40	83	15	618	1	8	Jan'81	Jun'82	Temp.(max.min.)Wind,Rain.
0	"						6	8x	Jul'82		Bar.,Temp.(max.min.)Hyg.,Wind and Rain.
											INGHAM.
3	East Lake	44	28	88	05	781	2	1	Dec'87		Temp.(max.min.)Wind,Rain.
3	Mason	44	13	84	12	615	1	6	Jul'88		2d Order Station.
0	Pleasant	44	39	85	10	780	1	9	Dec'88	Aug'70	Southeastern Collection.
											HURON.
3	Sebewaing	44	40	84	34		1	0	Jan'89		Temp.(max.min.)Wind,Rain.
											IONIA.
3	Saint Johns	44	17	84	15		2	0x	Oct'87		Bar.,Temp.(max.min.)Wind,Rain
0	" "						1		Dec'87		Temp.(max.min.)Hyg.,Wind,Rain.
											ISCO.
0	Saint Louis	44	17	85	27	800		7x	Jan'83	Aug'83	Bar.,Temp.(max.min.)Hyg.,Wind,R
0	" "						1	8x	Jul'87		Temp.(max.min.),Rain.
3	Ionia City	42	16	85	31	843	9	4	Sep'83	Dec'87	(Ottawa Point),Sm. Col.
											KENT.
3	Rockford Grist	43	39	85	09		1	0	Jan'89		Temp(max.min.)for only 1 month.

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		° ′	° ′						
	LAKE.								
W S	Chase	43 53	85 37		2 0x	Nov'87			Temp.(max.min.)Wind,Rain.
W S	Deer Lake	43 52	85 35		1 5	Aug'88			Temp.(max.min.)Rain.
W S	Nirvana	43 54	85 40	980	3 4	Jan'77	Apl'80		Bar.,Temp.(max.min.)Humid'y.R.
V O	"				7	Jan'79	Jul'79		Bar.,Temp.Hyg.,Wind,Clds.Rain.
	OSCEOLA.								
W S	Evart	43 55	85 13		1 9x	Aug'87			Temp.(max.min.)Rain.
W S	Reed City	43 44	85 28	1016	6 4	May'80	Sep'86		Temp.(max.min.)Rain.
V O	" "				2 7x	May'80	Jan'84		Bar.,Temp.,Hyg.,Wind,Clds.Rain
	GLADWIN.								
W S	Gladwin	44 00	84 28		9x	Jan'89			Temp.(max.min.)Rain.
	ARENAC.								
W S	Omer	44 03	83 49		1 0x	Jan'88	Feb'89		Temp.(max.min.)Wind,Rain.
W S	Standish	43 58	83 57		9	Apl'89			Temp.(max.min.)Wind,Rain
	OCEANA.								
W S	Hart	43 40	86 20	670	2 8	May'87			Bar.,Temp.(max.min.)Wind,Rain.
V O	Pentwater	43 45	86 35		1 4	Sep'85	Dec'86		Temp.(max.min.)Hyg.,Wind,Rain.
	NEWAGO.								
W S	Fremont	43 48	85 25		1 4x	May'88			Temp.(max.min.)Wind,Rain.
	MECOSTA.								
W S	Big Rapids	43 45	85 20	930	2 8x	Apl'87			Bar.,Temp.(max.min.)Wind,Rain.
	ISABEL.								
W S	Caldwell	43 42	84 45		3	Oct'89			Temp.(max.min.)Rain.
W S	Crawford	43 34	84 47		3	Oct'89			Wind and Rainfall.
	HURON.								
W S	Hayes	43 56	83 13		6x	Jan'89		R	Bar.,Temp.(max.min.)Wind.
W S	Port Austin	44 01	82 58	474	4 3x	May'82	Oct'86		Temp.(max.min.)--Rain for only 5 months.
W S	Sand Beach	43 51	82 31	630	2 4x	May'87			Bar.,Temp.(max.min.)Wind,Rain.
	MUSKEGON.								
W S	Montague	43 25	86 20	604	1 3	Oct'88			Bar.,Temp.(max.min.)Wind,Rain.
V O	Muskegon	43 15	86 13		1 11	Oct'68	Jan'71		Smithsonian Collection.
W S	"				1 7x	Jun'85	Jan'87		Temp.(max.min.Rain.

X Record broken.

	LAKE.										
5	Chase	43	53	85	37		2	Ox	Nov'87		Temp.(max.min.)Wind,Rain.
5	Deer Lake	42	23	25	35		1	5	Apr'88		Temp.(max.min.)Rain.
5	Mirvana	43	34	23	40	390	3	4	Jan'77	Apl'80	Bar.,Temp.(max.min.)Humid'y,i.
0	"							7	Jan'79	Jul'79	Bar.,Temp.Hyg.,Wind,Sidewlgin.
	OTTOWA.										
5	Ivart	43	35	00	15		1	Ox	Apr'87		Temp.(max.min.)Rain.
5	Rend City	43	44	23	28	1016	6	4	May'80	Sep'86	Temp.(max.min.)Rain.
0	" "						2	7x	May'70	Jan'84	Bar.,Temp.,Hyg.,Wind,Cloda.Rain
	GLADWIN.										
5	Gladwin	44	00	04	38			9x	Jan'89		Temp.(max.min.)Rain.
	AMIRAC.										
5	Omer	44	05	83	49		1	0x	Jan'88	Feb'89	Temp.(max.min.)Wind,Rain.
5	Stanwin	44	30	40	27			9	Apl'89		Temp.(max.min.)Wind,Rain
	OSSOKA.										
5	Barr	45	40	21	10	670	2	8	May'87		Bar.,Temp.(max.min.)Wind,Rain.
0	Fairmaid	45	43	32	35		1	4	Sep'85	Dec'86	Temp.(max.min.)Hyg.,Wind,Rain.
	NIPISSING.										
5	Trenton	45	43	23	35		1	4x	May'88		Temp.(max.min.)Wind,Rain.
	ARNPRIOR.										
5	Rio Bella	45	42	23	20	590	2	8x	Apl'87		Bar.,Temp.(max.min.)Wind,Rain.
	ICAMBE.										
5	Calvert	45	42	84	45			3	Oct'89		Temp.(max.min.)Rain.
5	Crawford	45	34	84	47			3	Oct'89		Wind and Rainfall.
	PEMBR.										
5	Ulrve	45	39	23	13			8x	Jan'29		R Bar.,Temp.(max.min.)Wind.
7	Fort Austin	44	01	00	08	474	4	3x	May'02	Oct'85	Temp.(max.min.)--Rain for only 5 months.
5	Sand Lake	45	23	21	11	670	2	4x	May'87		Bar.,Temp.(max.min.)Wind,Rain.
	TEMISKAMING.										
5	Haileybury	45	25	24	20	804	1	3	Oct'88		Bar.,Temp.(max.min.)Wind,Rain.
6	Charlevoix	45	15	00	12		1	11	Oct'88	Jan'71	Bad thermom Coll'ection.
5	"						1	7x	Jan'85	Jan'87	Temp.(max.min.Rain.

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		°	′	°	′							
	MONTCALM.											
W S	Greenville	43	12	85	12		1	0	Mar'87	Feb'88		Bar., Temp. (max. min.) Wind, Rain.
W S	Stanton	43	17	85	05			11	Feb'89			Bar. Temp. (max. min.) Wind, Rain.
	GRATIOT.											
W S	Alma	43	24	84	37		2	9x	Mar'87			Temp., (max. min.), Wind, Rain
W S	St. Louis	43	24	84	36	750	1	8x	Mar'87	Feb'89		Bar., Temp. (max. min.) Wind, Rain.
	SAGINAW.											
W S	East Saginaw	43	25	83	57	604	2	9x	Sep'85	Apl'89		Bar., Temp. (max. min.) Wind, Rain.
V O	" "							8x	Oct'85	May'87		Temp. (max. min.) Hyg., Wind, Rain.
V O	Saginaw	43	27	83	58	623		4	Mar'49	Jun'49	R	Smithsonian Collection.
	TUSCOLA.											
W S	Arbela	43	20	84	00			11x	Jan'89		T	
W S	May	43	23	83	13		1	10x	Jan'88			Temp. (max. min.) Wind, Rain.
	OTTAWA.											
V O	Grand Haven	43	05	86	18	620	3	11	Sep'59	Jul'63		Smithsonian Collection.
S S	" "						18	7	Jun'71			2r Order Station.
V O	Holland	42	49	86	08		8	4x	Jun'56	Dec'70		Smithsonian Collection.
V O	Mill Point	43	06	86	10		1	9x	Jul'60	Jun'62		Rain for 3 months only. Sm. Col.
	KENT.											
V O	Grand Rapids	42	57	85	40	760	13	9x	Apl'54	Dec'73		Smithsonian Collection.
V O	" "						7	6x	Jul'73	Jun'84		Bar., Temp. (max. min.) Hyg., Wind, Clouds, Rain.
W S	" "						2	2x	Mar'87			Bar., Temp. (max. min.) Wind, Rain.
V O	Laphamville	43	00	85	30	650	1	1	Dec'50	Dec'51	R	Smithsonian Collection.
	IONIA.											
W S	Ionia	42	59	85	04	688	5	2x	May'79			Bar., Temp. (max. min.) Humidity, Wind and Rain.
V O	"						3	1x	Feb'80	May'85		Bar., Temp. (max. min.) Hyg. Wind, and Rain.
	CLINTON.											
W S	Ovid	43	10	84	20	760	2	7x	Mar'87			Bar., Temp. (max. min.) Wind, Rain.
W S	St. Johns	43	00	84	30	755	2	10	Mar'87			Temp. (max. min.) Rain.
	SHIAWASSEE.											
W S	Corunna	42	59	84	07		1	7x	Aug'87	Mar'89		Bar., Temp. (max. min.) Wind, Rain.

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	GENESEE.	°	′	°	′							
V O	Flint	42	58	83	42	787	2	0	Jan'54	Dec'55		Smithsonian Collection.
W S	"						1	1	Dec'88			(Scientific Institute)Bar., Temp., (max.min.)Wind, Rain.
W S	Mount Morris	43	09	83	38	787	1	1	Jul'87	Jul'88		Bar., Temp.(max.min.)Wind, Rain.
W S	Otisville	43	13	83	31	820	5	10x	May'77	Dec'83		Bar., Temp.(max.min.)Humidity, Wind and Rain.
V O	"							9	Aug'82	Apl'83		Bar., Temp.(max.min.)Hygrometer, Wind, Clouds, Rain.
V O	Swartz Creek	42	57	83	49	800	4	7	Feb'83	Aug'87		Bar., Temp.(max.min.)Hygrometer, Wind, Clouds, Rain.
W S	" "							2	Jan'89	Feb'89		Bar., Temp.(max.min.)Wind, Rain.
	LAPEER.											
W S	Columbiaville	43	07	83	23			6x	Oct'88			Temp.(max.min.)Rain.
W S	Thornville	42	56	83	14	975	2	0	Jan'77	Dec'78		Bar., Temp.(max.min.)Humidity, Wind and Rain.
V O	"						11	0	Jan'79			Bar., Temp.(max.min.)Hygrometer, Wind, Clouds and Rain.
	ST.CLAIR.											
V O	Berlin	42	55	82	54		1	5x	Jul'88			Temp.(max.min.), Rain.
V O	Fort Gratiot	42	59	82	25	593	17	5x	Apl'30	Aug'59		(West bank of St.Clair River). Smithsonian Collection.
W S	Jeddo	43	09	82	30	755	1	2x	Sep'88			Temp.(max.min.), Wind, Rain.
V O	Port Huron	43	00	82	26	606	2	4x	May'57	Dec'74		Rain for only 3 months.Sm.Col.
S S	" "					639	15	5	Aug'74			2d Order Station.
	ALLEGAN.											
W S	Allegan	42	32	85	52		1	0	Jan'89		T	
V O	Otsego	42	28	85	42		3	6x	Apl'67	Sep'70		Rain for only 2 months.Sm.Col.
W S	"							7x	Jan'87			Temp.(max.min.)Wind, Rain.
V O	Saugatuck	42	30	85	50		2	0x	Feb'54	Mar'56		Rain for only 7 months.Sm.Col.
	BARRY.											
V O	Hastings	42	38	85	17	790		6x	May'82	Jan'83		Bar., Temp., Hyg., Wind, Clds.Rain.
W S	"						6	5x	Oct'79			Bar., Temp.(max.min.)Wind, Rain.

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		° ′	° ′						
	EATON.								
V O	Olivet	42 26	84 58	968	2 9x	Dec'70	Dec'73		Smithsonian Collection.
V O	"				2 5	Jan'74	May'76		Bar., Temp., Hyg., Wind, Clds., Rain
W S	"				2 4x	Jun'87		R	Bar., Temp. (max.min.), Wind
	INGHAM.								
W S	Eden	42 31	84 25		1 10x	Jan'88			Temp. (max.min.), Rain.
W S	Fitchburg	42 28	84 12	833	1 0	Jan'89		T	
V O	Lansing	42 44	84 32	883	10 8x	Dec'58	Dec'73		Smithsonian Collection.
V O	"				14 4x	Jan'74			Bar., Temp. (max.min.), Hyg, Wind, Clouds and Rain.
S S	"				3 0	Jan'87			2d Order Station.
W S	North Aurelius	42 35	84 32		10x	Jan'89		T	
W S	Stockbridge	42 27	84 10		10x	Jan'89		T	
W S	Williamstown	42 41	84 15		2 0x	Dec'87			Temp. (max.min.), Wind, Rain.
W S	Winfield	42 28	84 31		3 10	Jan'81	Oct'84		Temp. (max.min.), Wind, Rain.
	OAKLAND.								
W S	Ball Mountain	42 35	83 16		8	May'89			Rain. (Temp. (max.min.) Wind and Rain for 2 months).
V O	Birmingham	42 30	83 10		4 5x	Mar'85			Bar., Temp. (max.min.), Hygrometer Wind, Clouds Rain.
W S	Highland St'n.	42 36	83 34		1 7x	Dec'87			Temp. (max.min.), Rain.
V O	Pontiac	42 38	83 14	990	1 6	Mar'84	Aug'85	R	Smithsonian Collection.
W S	"				2 0	Jan'88			Bar., Temp. (max.min.) Wind, Rain.
	MACOMB.								
V O	Romeo	42 48	82 58	714	1 3	Jan'56	Mar'57		Smithsonian Collection.
W S	"			830	1 9x	Jun'87			Bar., Temp. (max.min.), Wind, Rain.
W S	Washington	42 40	83 00	746	6 7x	Oct'78			Bar., Temp. (max.min.), Humidity, Wind and Rain.
	VAN BUREN.								
W S	Bangor	42 19	86 06		2	Nov'89			Temp. (max.min.), Wind, Rain.
W S	Paw Paw	42 13	85 52		1 4x	Jan'88			Temp. (max.min.) Wind, Rain.

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		° ′	° ′						
	KALAMAZOO.								
V O	Cooper	42 25	85 38	690	3 4x	Jun'54	Dec'62		Smithsonian Collection.
V O	Kalamazoo	42 20	85 38		5x	Sep'60	Mar'67	R	Smithsonian Collection.
W S	"				3 0	Jan'73	Dec'78		Temp.(max.min.),Wind,Rain.
V O	"			782	10 11	Feb'79			Bar.,Temp.(max.min.),Hygrometer Wind,Clouds,Rain.
	CALHOUN.								
W S	Albion	42 14	84 45	965	10x	Oct'83			Temp.(max.min.),Wind,Rain.
V O	" "				8	May'89			Bar.,Temp.(max.min.),Hygrometer Wind,Clouds,Rain.
V O	Battle Creek	42 22	85 15	750	9 2x	Mar'49	Dec'59	T	Average monthly Rain. Sm.Col.
V O	" "				6 0	Jan'54	Dec'59		Smithsonian Collection.
W S	" "				10 2x	Jan'77	Aug'88		Temp.(max.min.) Humidity,Wind and Rain.
V O	" "				4 6x	Jan'79	Feb'84		Bar.,Temp.Hyg.,Wind,Clds.,Rain.
V O	Marshall	42 17	84 50	885	8 4x	May'80			Bar.,Temp.,Hyg.,Wind,Rain.
W S	"				1 3x	Apl'81	Dec'84		Temp.(max.min.),Wind,Rain.
W S	"				1 4x	Feb'88			Bar.,Temp.(max.min.)Wind and Rain. (North Marshall).
W S	South Albion	42 12	84 43		2	Nov'89			Temp.(max.min.),Wind,Rain.
	JACKSON.								
W S	Concord	42 14	84 38	1140	2 0x	Dec'87			Temp.(max.min.)Wind,Rain.
V O	Brooklyn	42 06	83 36	1020	?	Sep'52	Mar'54	T	Average monthly Rain. Sm.Col.
V O	"				3x	Mar'53	Mar'54		Smithsonian Collection.
W S	Hanover	42 09	84 13	1141	2 5	Aug'87			Bar.,Temp.(max.min.),Wind,Rain.
W S	Pulaski	42 12	84 41		2 0	Jan'88			Temp.(max.min.),Wind,Rain.
	WASHTENAW.								
V O	Ann Arbor	42 16	83 41	850	3 4x	Apl'49	Jul'72		(3 1-2 miles ESE. of)Sm.Col.
W S	" "				4 2x	Jan'81			Temp.(max.min.)Wind,Rain.
V O	" "				2 7x	Jan'83	Jul'85		Bar.,Temp.,Hyg.,Wind,Rain.
W S	Chelsea	42 19	84 02	934	2 2x	May'87			Bar.,Temp.(max.min.)Wind,Rain.
V O	Manchester	42 09	84 05		4	May'65	Aug'65	R	Smithsonian Collection.
W S	"	42 05	84 05		8x	Jan'89		T	

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		° ′	° ′							
	WASHTENAW Con.									
V O	Ypsilanti	42 15	83 40	750	5	2x	Jan'59	Sep'64		Smithsonian Collection.
W S	"				3	1	Dec'75	Dec'78		Bar., (Temp.(max.min.), Humidity and Rain.
V O	"				6	0x	Jun'80	Feb'87	R	Table of monthly mean Temp.
V O	"				3	7x	Jan'79			Bar., Temp.,Hyg., Wind, Rain.
	WAYNE.									
W S	Bell Branch	42 24	83 17		1	10x	Feb'88			Temp.(max.min.)Wind, Rain.
V O	Dearbornville	42 17	83 13		3	9	Apl'36	Dec'39		(10 miles W of Detroit)Sm.Col.
V O	Detroit	42 20	83 03	597	31	5x	Jul'39	Dec'73		Smithsonian Collection.
S S	"			662	19	2	Nov'70			2d Order Station.
W S	Rawsonville	42 11	83 31			9	Apl'89			Temp.(max.min., Rain.
M D	Fort Wayne	42 23	82 55	580	7	7x	May'62			(2 1-2 miles from Detroit)Temp. (max.min.)Hygrom., Wind, Clds.R.
V O	Woodmere Cemetery----	42 13	83 05	590	5	11x	Jan'74	Feb'80		(Near Detroit).Bar.Temp.,Hyg., Wind, Clouds and Rain.
	BERRIEN.									
W S	Benton Harbor	42 08	83 28	582	5	5	Dec'75	Aug'81		Bar., Temp.(max.min.)Humidity, Wind, Rain.
V O	" "				1	5x	Jan'87			Temp.(max.min.), Wind, Rain.
V O	Berrien Springs	41 56	86 00			11	Feb'89			
V O	Buchanan	41 20	86 20			3	Jun'85	Aug'85		Temp.(max.min.)Hyg., Wind, Cld.R.
W S	"				2	6x	May'87			Bar., Temp.(max.min.)Wind, Rain.
V O	New Buffalo	41 50	86 46	681	3	6x	Jul'57	May'62		Smithsonian Collection.
W S	Niles	41 51	86 16	695	1	7	Jun'77	Dec'78		Bar., Temp.(max.min.)Humidity, Wind, Rain.
V O	"				3	7x	Jan'79	Aug'82		Bar., Temp.Hyg., Wind, Clds.Rain.
	CASS.									
W S	Adamsville	41 48	86 00			10	Mar'89		T	
W S	Cassopolis	41 52	86 01		2	10	Mar'87			Bar., Temp.(max.min.)Wind, Rain.
W S	Vandalia	41 50	85 57	86	1	0	Jan'89			Bar., Temp.(max.min.)Wind, Rain.

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	ST. JOSEPH.	° ′	° ′						
W S	Colon	41 58	85 20		2 0	Jan'88			Temp.(max.min.),Wind,Rain
W S	Mendon	42 02	85 29	872	6 2	Jan'77	Feb'83		Temp.(max.min.),Wind,Rain.
V O	"				11x	Apl'83	Sep'84		Bar.,Temp.(max.min.)Hyg.Wind.R
V O	Mottville	41 45	85 42		6 6x	Jul'83			Bar.,Temp.(max.min.)Hygrometer Wind and Rain.
W S	Parkville	42 03	85 32		6 9x	May'80			Temp.,Wind,Humidity,Rain.
	BRANCH.								
W S	Bronson	41 41	85 00	970	1 9	Apl'88			Temp.,(max.min.)Wind,Rain.
V O	Coldwater	41 58	85 00	998	3 1	Jul'68	Jul'71		Smithsonian Collection.
W S	"				3 9x	Dec'75	Nov'89		Bar.,Temp.(max.min.)Wind.(Rain for 1889 only).
V O	"				4 6x	Jan'79	Jan'84		Temp.,Wind,Clouds,Rain.
W S	Noble	41 47	85 13		11x	Jan'89		T	Wind and Rain.
	HILLSDALE.								
W S	Hillsdale	42 00	84 39		3 5x	Feb'80			Temp.(max.min.)Wind,Rain.
V O	"				2 6	Aug'82	Jan'85		Bar.,Temp.(max.min.)Hygrometer, Wind and Rain.
W S	Jonesville	41 59	84 12	1120	1 3	Mar'87	May'88		Bar.,Temp.(max.min.)Wind,Rain.
W S	North Adams	41 58	84 30		8x	Apl'89			Wind and Rain.
V O	Litchfield	42 05	84 46	1040	7 5	Jul'66	Nov'73		Smithsonian Collection.
V O	"				10 0	Dec'73	Nov'83		Bar.,Temp.,Wind,Clouds,Rain.
	LENAWEE.								
V O	Adrian	41 58	84 11	1240	1 4x	Jan'70	Apl'74		Smithsonian Collection.
V O	"				4 8x	Jan'72	Jul'81		Bar.,Temp.,Hyg.,Wind,Clds.,Rain
W S	"				11 10x	Jan'78			Temp.(max.min.),Wind,Rain.
V O	Clinton	42 05	84 00	750	11	'50	'52		Average monthly Temp.,Sept. to May incl., Sm. Col.
W S	"				1	Dec'89		T	
W S	Hudson	41 54	84 22	932	8	Aug'81	Apl'82		Temp.(min.),Rain
V O	"				9 8x	Sep'74			Temp.(max.min.)Wind,Rain.
W S	Tecumseh	42 01	83 57	821	9 11x	Mar'76	Feb'86		Temp.(max.min.)Wind,Rain.
W S	Madison	41 52	84 01		2 3	Oct'87			Temp.(max.min.),Wind,Rain.

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[illegible]

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		° ′	° ′						
	MONROE.								
W S	Grape	41 58	83 31		11x	Jan'89			Rain (Temp.--max.min.-- and Wind for one month).
V O	Monroe City	41 56	83 27	584	15 2x	Jan'54	Nov'73		Smithsonian Collection.
V O	Monroe Piers	41 56	83 27	551	7 6	Jul'59	Dec'66	T	Smithsonian Collection.
W S	Petersburg	41 41	83 49	655	2 5	May'87	Jul'89		Bar., Temp. (max.min.) Wind, Rain.

X Record broken.

Fragmentary Records of less than a year in length are on file from the Following Stations:

M I C H I G A N .

Station	County	Station	County
Athens	Calhoun	Macon	Lenawee
Bad Ax	Huron	Mallory Lake	Hillsdale
Baraga	Baraga	Maple Hill	Montcalm
Bay City	Bay	Menominee	Menominee
Bay Port	Huron	Minong	Isle Royale
Bellaire	Antrim	Moorestown	Missaukee
Brest	Monroe	Mt.Pleasant	Macomb
Columbia	Jackson	Newark	Gratiot
Courtland	Kent	Old Mission	Grand Traverse
Decatur	Van Buren	Pennsylvania Mine	Keweenaw
Forestville	Sanilac	Portage Lake	Kalamazoo
Ganges	Allegan	Redford Centre	Wayne
Garlick	Ontonagon	Ripley	Houghton
Hartford	Van Buren	St.Mary's River	Chippewa
Houghton	Houghton	Saranac	Ionia
Imlay City	Lapeer.	Snowflake	Antrim
Jackson	Jackson	South Haven	Van Buren
Kenockee	St.Clair	Three Oaks	Berrien
Lake George	Chippewa	Valley Centre	Sanilac
Lexington	Sanilac		

Transcribed between 17 June 1945 & [illegible] in [illegible] are on file from the
Antarctic Medical Department
M E M O R A N D U M.

Surnames	Christ. Names	Stations	Country
Adams	Geiman	Eaton	Australia
Ap Ax	Brian	Bailey Lake	Kilimanjaro
Barton	Eurlyn	Ivy's Hill	Zanzibar
Bin Hill	Ed	Wonderfull	Ivanovsky
Bu Fred	Burton	Wilson	Left Forel
Bilbary	Aaron	Kotzebuen	Mitsubar
Ivan	Alcoro	St.Thomas	Dakota
Ziemelis	Adjiam	Ilanda	Grafton
Overland	Ernst	Old Jamaica	Great Tree
[illegible]	Tom Green	Fort Jewels Ahmu	Kawaiian
Ferriville	Jamine	Portage Lake	Salamanca
Gaffre	Allan	Bodfern Cabre	Mexico
Gwiler	Ockenogo	Foot	Montana
Harvey	Van Aren	Graham's Bayer	Chippewa
H-Pain	Michiba	Tarzan	Inca
Tell Gin	Ludwig	Snowflake	Antrim
Jaeger	Jonas	Small Bean	Van Zee
Kaufman	Ernst	Lake Ola	Zaccian
Ludwig	Mikaly	Valle Cruce	Sardis
Ma Cyder	Gwiyaw		
Jacquelin	Jamilo		

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	KITTSON.	° ′	° ′							
S S	St. Vincent	48 56	97 14	804	9	4	Sep'80			2d Order.
	POLK.									
V O	Crookston	47 55	96 30			6	Nov'85	Apl'86	R	
V O	"					5	Aug'89			Temp.(max.min.) 3 mos. Rain.
	ITASCA.									
W S	Pokegama Falls	47 10	93 39		1	6x	May'87			Temp.(max.min.) Rain.
	St. LOUIS.									
S S	Duluth	46 48	92 06	672	9	2	Nov'70			2d Order.
	LAKE.									
V O	Beaver Bay	47 12	91 18	657	14	1x	Nov'53	Nov'73		Smithsonian Collection.
V O	" "				1	1x	Dec'73	Feb'75		Temp.Wind,Clds.Rain.
V O	Burlington	47 01	91 42	645	2	9	Jan'58	Oct'60		Smithsonian Collection.
	CLAY.									
V O	Moorhead	46 54	96 55		4	9x	Jul'73	Mar'78	R	Temp. & Wind.
S S	"	46 52	96 45	926	9	0	Jan'81			2d Order.
	BECKER.									
V O	Syval Park	46 50	95 45	1800	1	8x	Jan'71	Apl'73	T	Smithsonian Collection.
V O	White Earth Res	47 40	96 20	1670	2	7x	Sep'69	Dec'73		" "
	HUBBARD.									
W S	Park Rapids	46 57	95 10		2	3x	Feb'85	Nov'87		
	C A S S .									
W S	Lk.Winnibigoshish.....	47 21	94 08		2	4x	Jun'87			
W S	Leech Lake Dam	47 10	94 16		2	0x	Jun'87			
W S	Pine River Dam	46 38	94 08		2	10	Mar'87			T.(max.min.) wind & Rain.
	A T K I N.									
V O	Sandy Lake	45 46	93 01	1300	3?		'50	'51	R	Monthly averages of Temp.
	WILKIN.									
S S	Breckenridge	46 16	96 32	968	8	7	May'72	Nov'80		2d Order.
W S	"				3	0	Nov'77	Oct'80	R	
	OTTER TAIL.									
S S	Fergus Falls	46 16	96 06		2	5	Jul'87		T	Rainfall station.
	MADENA.									
W S	Madena	46 25	95 12			7x	Apl'85	May'86		
S S	"	46 26	95 13		3	1	Aug'77	Sep'80		Sunset station.(bar. aneroid, Temp.Hyg.Wind, Clds. Rain.

X Record broken.

															KITTSON.
S	S	St. Vincent	43	58	97	14	804	9	4	Sep'80					24 Order.
															POLK.
V	O	Crookston	47	65	96	30			6	Nov'85	Apl'86	R			
V	O	"							5	Aug'89					Temp.(max.min.) 3 mos. Rain.
															ITASCA.
W	S	Pokegama Falls	47	10	92	39		I	6x	May'97					Temp.(max.min.) Rain.
															St. LOUIS.
S	S	Duluth	46	48	92	08	672	4	2	Nov'70					24 Order.
															LAKE.
V	O	Beaver Bay	47	12	91	15	087	14	1x	Nov'83	Nov'73				Smithsonian Collection.
V	O	" "						I	1x	Dec'73	Feb'75				Temp.Wind,Clds.Rain.
V	O	Burlington	47	03	91	42	645	2	9	Jan'58	Oct'80				Smithsonian Collection.
															CLAY.
V	O	Moorhead	46	54	96	55		4	9x	Jul'73	Mar'78	R			Temp. & Wind.
S	S	"	46	52	96	46	925	9	0	Jan'81					24 Order.
															BECKER.
V	O	Sylvan Park	46	50	95	45	1800	1	5x	Jan'71	Apl'73	T			Smithsonian Collection.
V	O	White Earth Res	47	40	96	20	1670	2	7x	Sep'88	Dec'73				" "
															HUBBARD.
W	S	Park Rapids	46	57	95	10		2	5x	Feb'85	Nov'87				
															C A S S .
W	S	Lk.Winnibigos-													
		bish.	47	21	94	08		2	4x	Jun'87					
W	S	Leech Lake Dam	47	10	94	16		2	0x	Jun'87					
W	S	Pine River Dam	46	38	94	08		2	10	Mar'87					T.(max.min.) wind & Rain.
															A T K I N.
V	O	Sandy Lake	46	46	93	01	1300	3x		'50	'51	R			Monthly averages of Temp.
															WILKIN.
S	S	Breckenridge	46	16	96	23	998	8	7	May'72	Nov'80				24 Order.
W	S	"						5	0	Nov'77	Oct'80	R			
															OTTER TAIL.
S	S	Fergus Falls	46	16	95	08		2	5	Jul'87		T			Rainfall station.
															MYRENA.
W	S	Madena	46	25	95	12			7x	Apl'85	May'86				
S	S	"	46	26	95	15		3	1	Aug'77	Sep'80				Sunset station.(Max. [illegible]
															Temp.Hvy.Wind, [illegible] Rain.

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		°	′	°	′							
	DOUGLAS.											
V O	Alexandria	45	52	95	22	1225		1	Dec'68		R	Smithsonian Collection.
S S	"						2	5	Aug'87		T	Rainfall station.
W S	"							6x	Sep'86	Dec'87		
	CROW WING.											
M D	Fort Ripley	46	10	94	24	1130	22	0x	Jul'49	Dec'74		(Ft.Gaines) Smithsonian Col.
M D	" "	46	10	94	19	1100	15	11x	Jan'60	Jul'77		" Bar.T.(max.min.)Wind.C.R
S S	" "	46	10	94	25		2	5	Aug'87		T	Rainfall station
	MILLE LACS.											
V O	Princeton	45	34	93	33		3	11x	Jan'56	Aug'60		Smithsonian Collection.
W S	"							3x	Aug'87	Feb'88		
	STEVENS.											
W S	Morris	45	30	95	58		4	5	Aug'85			Bar.T.(max.min.) Wind & Rain.
V O	"							1	Dec'89			do
	STEARNS.											
V O	St.Cloud	45	39	94	13			10x	May'60	Feb'69		Smithsonian Collection.
W S	"	45	30	94	13		7	0x	Nov'77	Mar'89		Bar. Temp.Wind.4mos.Rain.
	BIG STONE.											
S S	Ortonville	45	18	96	31		2	5	Aug'87		T	Rainfall station.
	MEEKER.											
V O	Forest City	45	11	94	30		6	0x	Jun'58	May'66		Smithsonian Collection.
V O	Litchfield	45	12	94	45		2	1	Jul'70	Jul'72		" "
W S	"							6x	Jun'87	May'88		Bar.T.(max.min.) Wind & Rain.
	WRIGHT.											
W S	Delano	45	03	93	51		1	6x	Apl'87	Feb'89		do.
	HENNEPIN.											
V O	(No name)						1	1	Dec'64	Dec'65	R	Smithsonian Collection.
V O	Excelsior	44	57	93	35			2	Mar'73	Apl'73		" "
W S	"						1	4x	Sep'86	Mar'88		Bar.T(max.min.) Wind & Rain.
M D	Fort Snelling	44	53	93	10	820	44	8x	Oct'19	Jun'74		Smithsonian Collection.
M D	" "						22	9	Apl'67			Bar.from Oct'71. Temp.(max. min.) Hyg. Wind, Clds. Rain.
V O	Minneapolis	44	[illegible]	93	15	856	9	1	Nov'64	Nov'73		Smithsonian Collection.
V O	"						15	11	Dec'73			Bar.T(mwx.min.)Hyg.Wind,Clds.R

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		°	′	°	′							
	HENNEPIN.											
V O	Osseo							3x	Sep'89			
V O	St.Anthony	44	59	93	16	821	1	0	Dec'72	Dec'73		Smithsonian Collection.
V O	" "	44	54	93	13		4	5x	Jan'74	Nov'78		Temp.Wind,Clds.,Rain.
V O	" " Falls						1	10	Jan'53	Nov'54		Smithsonian Collection.
	RAMSEY.											
V O	St. Paul	44	56	93	05	800	14	9x	Jan'59	May'74		" "
V O	" "	44	50	93	05	830		1	Jan'74			Temp.Wind,Clds.Rain.
S S	" "	44	58	93	03	831			Nov'70			2d Order (also River obs.)
	WASHINGTON.											
V O	Afton	44	53	92	05	950	4	4x	Apl'65	Mar'72		Smithsonian Collection.
V O	Stillwater	45	04	92	45	756		1	Nov'58		R	" "
W S	"						5	7	Nov'77	May'83	R	
	CHIPPEWA.											
V O	Montevideo							5	Aug'89			Temp.(max.min.) Rain.
	RENVILLE.											
W S	Bird Island	44	45	94	57		2	1	Feb'85	Mar'87		
V O	Hazlewood	45	00	95	30	946	7	0x	Feb'44	Jul'62		(Omahoo, or Lac-qui-Parle) Sm.Col.
	Mc LEOD.											
V O	Hutchinson	44	52	94	22			11x	Nov'74	Mar'76		Smithsonian Collection.
V O	"	44	58	94	25	1050	1	8x	Jan'72	Nov'73		(Lake Hook) Smithsonian Col.
V O	Koniska	45	10	94	10		2	11x	Feb'69	Mar'73		Smithsonian Collection.
	SIBLEY.											
V O	Sibley	44	30	94	12		9	0x	May'65	Nov'73		" "
V O	"						1	10x	Mar'74	Sep'76		Temp.Wind, Clds.Rain.
	DAKOTA.											
W S	Farmington	44	36	93	10		1	9x	Mar'88			
V O	Hastings	44	44	92	54		1	0	Jun'61	May'62		Temp.broken. Smithson'n.Col.
W S	"							8x	Jan'84	May'85		
V O	"							7	Jan'84	Jul'84		Temp.Wind,Clds. Rain
	LYON.											
S S	Tracy	44	14	95	27		2	6	Jul'87		T	Rainfall station.
W S	"							9x	Jul'87	May'83	R	
	REDWOOD.											
S S	Redwood Falls	44	31	95	07		2	5	Aug'87		T	Rainfall station.

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		°	′	°	′							
	BROWN.											
VO	New Ulm	44	19	94	30	821	9	11	Feb'64	Dec'73		Smithsonian Collection.
V O	" "						4	10x	Jan'74	Mar'82		Bar' Temp.Wind,Clds.Rain.
W S	" "							1	Sep'87			
	NICOLLET.											
W S	St. Peter						5	10	Nov'77	Jul'84		
	LE SUEUR.											
W S	Le Sueur	44	23	93	52			9	Oct'87	Jun'88		
V O	" "	44	30	93	52	900	1	6	Jul'88			T.(max.min.) Wind, Rain.
	RICE.											
V O	Northfield	44	28	93	08	932	4	8	Aug'81	Apl'86		Bar.T.(max.min.)Hyg.Wind.Cld.R.
W S	"						3	8	May'86			Bar.T.(max.min.) Rain.
	GOODHUE.											
V O	Red Wing	44	33	92	30	800	1	0x	Nov'55	Jan'73		Smithsonian Collection.
W S	" "	44	35	92	35		8	2x	Aug'79			Bar.Temp.(max.min.)Wind,Rain.
	WABASHA.											
V O	Wabasha	44	30	92	15	850		8x	Dec'57	Aug'58		Smithsonian Collection.
S S	"	44	24	92	06		2	8x	Apl'85	Sep'88		Rain & River observations.
	WATONWAN.											
V O	Madelia	44	00	94	30		2	0	Jan'69	Dec'70		Smithsonian Collection.
	BLUE EARTH.											
V O	Mankato	44	08	94	02		4	3x	Jun'85			Bar.Temp.(max.min.)Wind,Rain.
	STEELE											
W S	Medford	44	10	93	13		1	4	May'88	Aug'89		Bar.T.(max.min.)Wind & Rain.
W S	Owatonna						4	8x	Nov'77			Temp. & 5 months of Rain.
	DODGE.											
W S	Dodge Centre	44	03	92	57		1	4x	May'85	Feb'87		
	OLMSTEAD.											
V O	Chester	44	01	92	25	1000	1	5	Jan'84	Jun'85		Temp.Wind & Rain.
V O	Rochester	44	02	92	35			3	Jan'69	Mar'69	T	Smithsonian Collection.
W S	"	44	01	92	35		7	3x	Aug'79	Jun'89		Bar.T.(max.min.) Wind & Rain.
V O	"							3	Jul'85	Sep'85	T	

X Record broken.

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		° ′	° ′						
	WINONA.								
V O	St. Charles				3	Oct'89			
V O	White Water	44 10	92 00	2000	2 4x	Jun'71	Jul'74		Smithsonian Collection.
V O	" "				2	Jun'74	Jul'74		Temp.Wind, Clds. Rain.
W S	Winona	44 31	91 40		5 6x	Nov'77	Feb'89		
	MARTIN.								
W S	Rolling Green	43 45	94 35		2 9	Apl'87			Bar.T.(max.min.) Wind & Rain.
W S	Sherburne	43 40	94 43		3 2	Feb'85	Mar'88	R	
	FREEBORN.								
W S	Albert Lea	43 35	93 12		2 8	Mar'85	Oct'87		
	MOWER.								
W S	Grand Meadow	43 42	92 37		2 4x	Jul'87			Bar.T.(max.min.) Wind & Rain.
	FILLMORE.								
V O	Chatfield	43 50	92 14	900	1 8x	May'59	May'61		Smithsonian Collection.
W S	Spring Valley	43 42	92 25		2 8	Jan'86	Aug'88		Bar.T.(max.min.)Wind,Rain.Temperature broken.
	HOUSTON.								
V O	Sheldon				4	Sep'89			Temp. and 1 month Rain.

X Record broken.

Fragmentary records of less than a year in length are on file from the

Following Stations:

M I N N E S O T A .

Station	County	Station	County	Station	County
Argyle	Marshall	Beaver Riv.Val	Lake	Bowles Creek	Washington
Brainerd	Crow Wing	Buchanan	St. Louis	Buffalo	Wright
Canby	Yellow Medicine	Cass Lake	Beltrami	Chippewa Agcy.	Cass
Clearwater Lake	Wright	Danville	Blue Earth	De Graff	Swift
Currie	Murray	Fond-du-Lac	Meeker	Glenwood	Pope
Grand Portage	Lake	Holding Ford	Stearns	Itasca	Anaka.
Kandotta	Todd	Preston	Fillmore	Red Lake	Beltrami
Rush City	Chisago	St. Joseph's	Stearns	Sauk Centre	Stearns
Tamarack	Hennepin	Travers des Sioux	?	Waterford	Dakota
Tammarck(1mile W)	" "	White Bear Lake (near)	Ramsey	Zapham	?
S.22,T 126 N. Range 38 W.		Pope County	Township 127 N,Range 37 W.		Douglas County.
S.17 T 126 N. Range 38 W.		Pope County			

Preliminary records of Jets that a year is lacking are on file from the

Minnesota Statistics:

M I N N E S O T A .

Station	County	Station	County	Station	County
Argyle	Marshall	Beaver Bay.Vol	Lake	Bowlus Town	Washington
Atlantic	Crow Wing	Bemidji	St. Louis	Duluth	Wright
Cook	Yellow Medicine Lake		Saint Paul	Chippewa Agry. Case	
Glenwater Lakeville		Duluth	Blue Earth	Dr Graff	Swift
Cayle	Murray	Pond-du-Lac	Hester	Glenwood	Pope
Grand Portage Lake		Holland Pond	Stearns	Ithaca	Anoka
Kasotia	Sand	Preston	Pillsbury	Red Lake	Beltrami
Blue City	Clinton	St. Joseph's	Stearns	Sauk Centre	Stearns
Tamarack	Hennepin	Traverse des Sioux	?	Waterford	Dakota
Tamarack(Little W) " "		White Bear Lake (near)	Ramsey	Zapham	?
S.22,T 132 N. Range 38 W.		Pope County	Township 127 N,Range 37 W. Douglas County.		
S.17 T 129 N. Range 38 W.		Pope County			

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		°	′	°	′							
	DE SOTO.											
V O	Hernando	34	48	89	55	275		3	Oct'59	Dec'59		Smithsonian Collection.
C R	"						4	6x	Apl'82			Max.min.Temp. & Rain .
	MARSHALL.											
M D	Holly Springs	34	47	89	24			11x	Aug'67	Sep'68		Temp.Hyg.Wind & Rain.
V O	" "						2	0x	Jun'70	Nov'72		Smithsonian Collection.
C R	" "						3	4x	Apl'84			Max.min.Temp. & Rain.
V O	" " (near	34	45	89	25		2	4	Jan'72	Apl'74	T	6 miles SW.---Sm. Col.
	BENTON.											
W S	Lamar	34	55	89	17		2	2x	Jul'84		R	
	ALCORN.											
C R	Corinth	34	57	88	31	434	4	5x	Apl'82			Max.min.Temp. & Rain.
W S	Rienzi	34	47	88	30	441		11	Feb'89			
	PRENTISS.											
V O	Booneville	34	40	88	33	511		6x	Feb'89			Max.min.Temp. & Rain.
	PANOLA.											
C R	Batesville	34	18	89	54		4	4x	Apl'82			Max.min.Temp. & Rain.
W S	"						2	0x	Jul'84			
	LA FAYETTE.											
V O	University	34	22	89	27	300	1	9x	Sep'54	Jun'56		Smithsonian Collection.
C R	"						1	8x	Apl'84	May'87		(Oxford) Max.min.Temp. & Rain.
S S	"							10	Jun'87	Mar'88		2d Order station Full observations except Bar. & Wind.
S S	"						1	9	Apl'88			3d Order station
	PONTOTOC.											
V O	Pontotoc	34	15	88	58	516	1	0	Jan'89			Max.min.Temp. & Rain.
	YALOBUSHA.											
W S	Water Valley	34	00	89	30		4	0	Jan'86			Rainfall and 1 year of Temp.
	CHICKASAW.											
C R	Okolona	34	00	88	42		4	7x	Apl'82			Max.min.Temp. & Rain.
	MONROE.											
C R	Aberdeen	33	48	88	31		4	5x	Apl'82			Max.min.Temp. & Rain.
	GRENADA.											
V O	Grenada	33	48	89	50	250	3	7x	Jan'63	Nov'75		Smithsonian Collection.

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	GRENADA (Con.)	°	′	°	′							
V O	Grenada	33	48	89	50		11	0	'56	'66		Max.& min.Temp. for April.
M D	"						1	8x	Jan'69	Aug'70		Temp.Hyg. Wind & Rain.
V O	"						1	7	Jan'74	Jul'75		
C R	"						3	0x	Apl'82	Oct'87		Max.min.Temp. & Rain.
	CLAY.											
W S	Palo Alto	33	40	88	45	300		11	Feb'87	Dec'87		
V O	" "						1	4x	Jul'88			Temp.(max.min.)Wind & Rain.
W S	West Point	33	33	88	38	243	1	9	Dec'86	Aug'88		
	OKTIBBEHA.											
S S	Starkville	33	35	88	49	455	1	1	May'82	May'83		2d Order station.
W S	"						5	5x	May'84			Temp.(max.min.) & Rain.
V O	"							1	Jan'89			Temp.(max.min.)Hyg.Wind,Cld.R.
	LOWNDES.											
V O	Columbus	33	31	88	28	227	16	11x	Jan'55	May'72		Smithsonian Collection.
W S	"						13	9	Jan'75	Sep'88		Temp. broken.
C R	"						4	5x	Apl'82			Max.min.Temp. & Rain.
M D	"						1	2	Jan'68	Feb'69		Temp. Hyg. Wind & Rain.
	WASHINGTON.											
W S	Greenville	33	27	91	01		2	6x	Jan'87			
	ATTALA.											
W S	Kosciusko	33	03	89	33			1	Jan'87			
V O	"						1	0	Jan'89			Max. & min. Temp. & Rain.
	WINSTON.											
V O	Louisville	33	07	89	02		1	1	Dec'88			Max. & min. Temp. & Rain.
	NOXUBEE.											
V O	Macon	33	06	88	42	185		10x	Mar'78			Bar.T.(max.min.)Wind,Clds.R.
C R	"						4	6x	Apl'82			Max. & min. Temp. & Rain.
	YAZOO.											
Riv	Yazoo City	32	49	90	22	95	4	1	Dec'85		T	River & Rainfall observations.
	MADISON.											
V O	Canton	32	36	90	00		7	2x	Aug'82			Minimum Temp. & Rain.
	NESHOBA.											
V O	Philadelphia	32	48	89	06	550	1	6x	Feb'70	Oct'71		Smithsonian Collection.

X Record broken.

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		° ′	° ′						
	WARREN.								
V O	Vicksburg	32 22	90 53	222	18 4x	Jan'40	May'70		Smithsonian Collection.
M D	"				3 11x	Sep'66	May'70		Temp.Hyg.Wind,Rain.
S S	"				18 4	Sep'71			2d Order station with Riv.Obs.
	HINDS.								
C R	Edwards	32 18	90 35		4 7x	Apl'82			Max. & min. Temp. & Rain.
W S	"				10x	Jul'84			
V O	Jackson	32 23	90 08		4 2x	Jun'49	Dec'55	T	Average monthly rain. Sm.Col.
V O	"				8x	Jan'54	Dec'55		Smithsonian Collection.
M D	"				3 8	May'73	Dec'76		Bar.T.(max.min.)Hyg.Wind,Rain.
C R	"				4 6x	Apl'82			Max. & min. Temp. & Rain.
W S	"				1 7x	Jul'84	Oct'88		
V O	"				6x	Feb'88	Oct'88		Temp.(max.min.) Rain.
	SCOTT.								
C R	Lake	32 20	89 17		4 7x	Apl'82			Max. & min. Temp. & Rain.
	LAUDERDALE.								
V O	Marion	32 25	88 38	168	3 4x	Mar'68	Mar'73		Smithsonian Collection.
C R	Meridian	32 21	88 40	336	4 3x	Apl'82	Aug'89		Max. & min. Temp. & Rain.
S S	"				4	Sep'89			2d Order Station.
	CLAIBORNE.								
W S	Hermanville	31 55	90 46		1 2x	Mar'87	May'88		
V O	Port Gibson	31 59	91 00		11x	Aug'53	Apl'57		(Elliott Academy) Sm. Col.
C R	" "				2 9x	Jun'85			Max. & min. Temp. & Rain.
	COPIAH.								
C R	Hazlehurst	31 50	90 21		3 3x	Apl'84			Max. & min. Temp. & Rain.
V O	Wesson	31 50	90 30	500	1 3x	Jun'72	Nov'73		Smithsonian Collection.
V O	"				3	Jan'74	Mar'74		Temp.Wind Clds. Rain.
	JASPER.								
V O	Garlandville	32 23	89 20		1 4x	Jan'54	May'55	R	Smithsonian Collection.
V O	Paulding(near)	32 03	89 03	215	2 10x	Feb'58	Sep'69		(Fellowship) Sm. Col.
	CLARKE.								
V O	Enterprise	32 12	88 50	285	1 3x	Jan'70	Mar'73		Temp.& 5 mos. Rain. Sm. Col.
	JEFFERSON.								
V O	Church Hill	31 42	91 16	250	5 7	Jan'50	Jul'55	T	Smithsonian Collection.

X Record broken.

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		° ′	° ′							
	JEFFERSON.									
V O	Fayette(near)	31 43	91 07	224	9	3	Jan'74	Mar'83		(8 miles SE.)T.Wind,Clds.Rain.
V O	"				1	11x	Nov'66	Dec'73		Smithsonian Collection.
V O	"					7x	Jun'89			Max. & min. Temp. & Rain.
	ADAMS.									
W S	Loch Leven	31 11	91 33		1	6x	Nov'86			
V O	Natchez	31 34	91 27	234	30	0x	*	June'70		* Feb.1799--Sm. Col.
M D	"				1	2	May 30	Jun'70		Temp.Hyg.Wind,Clds.Rain.
C R	"				3	4x	Apl'84			Max. & min. Temp. & Rain.
	LINCOLN.									
V O	Brookhaven	31 34	90 23			10	Mar'68	Dec'68	R	(2 miles SW.) Sm. Col.
V O	"			500	2	0	Jan'69	Dec'70		(5 miles E.).R.broken. Sm. Col.
V O	"				6	4	Dec'73	Mar'80		" T.Wind,Clds.Rain.
C R	"				4	5x	Apl'82			Max. & min. Temp. & Rain
	WAYNE.									
C R	Waynesboro	31 41	88 38	191	4	5x	Apl'82			Max. & min. Temp. & Rain.
V O	"				1	0	Jan'89			" " "
	WILKINSON.									
W S	Artonish Plantation.....				7	0	Jan'82	Dec'88		Temp.for 1 yr.& 7 mos. only.
	PIKE.									
V O	Summit	31 17	90 25			10x	Jan'89			Max. & min. Temp. & Rain.
	GREENE.									
C R	State Line	31 23	88 27		1	2x	Apl'82	Oct'83		Max. & min. Temp. & Rain.
	HANCOCK.									
V O	Bay of Saint-Louis,.....	30 20	89 18	24	1	0x	Jul'33	Sep'35	R	Sm. Col.
V O	Logtown	30 20	89 28		13	7x	Jan'75			(near Pearlington)Temp.(max.min and Rain.
W S	Pearlington	30 17	89 35		1	7x	May'88			

X Record broken.

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		° ′	° ′						
	HARRISON.								
W S	Biloxi	30 24	88 53	10	2 0	Jan'87	Dec'88		
V O	"				4	Oct'88	Jan'89		Bar. Temp. (max. min.) Wind, Cld. R.
V O	Pass Christian	30 20	89 12	20	1 7x	Jul'43	Jul'60		Smithsonian Collection.
C R	" "				9x	Sep'82	Oct'83		Max. & min. Temp. & Rain.
	JACKSON.								
V O	E. Pascagoula	30 20	88 33	20	1 11x	Aug'48	Sep'53		Smithsonian Collection.
V O	Moss Point	30 25	88 37		2	Nov'89			Max. & min. Temp. & Rain.
C R	Scranton	30 27	88 32		1 2x	Apl'82	Oct'83		Max. & min. Temp. & Rain.

Fragmentary Records of less than a year in length are on file from the Following Stations:

Academus,	?
Baldwin,	Lee Co.
Clinton,	Hinds Co.
Coleman,	Marshall Co.
Eagle Grove,	Marshall Co.
Kingston,	Adams Co.
Lake Washington,	Washington Co.
Long Beach,	Harrison Co.
Monticello,	Lawrence Co.
Prairie Line,	Jasper Co.
Ripley,	Tippah Co.
Ship Island,	Harrison Co.
Tupelo,	Lee Co.
Utica,	Hinds Co.
Westville,	Simpson Co.
Winona,	Montgomery Co.

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		° ′	° ′						
	ATC ISON								
W S	Langdon				1	0x Nov'88		T	
W S	Phelp's City	40 23	95 37	915	5	4 Apl'78	Jul'85		R broken. Temp. 1 year only
	NORDWAY								
V O	Conception	40 22	94 40	975	5	9x Nov'83			T.(max.min.) Hyg. Wind, Clds.R
	WORTH								
W S	Grant City	40 29	94 27		1	5x Jan'78	Apl'81	T	
	MERCER								
W S	Princeton	40 24	93 34		2	2 Nov'87			
V O	"				1	6 Jul'88			T.(max.min.m) Rain
	PUTNAM								
W S	Unionville	40 29	93 03		1	9x Jan'78	Jan'81	T	
	CLARK								
V O	Athens	40 30	91 45	482	2	7x Mar'63	Jul'66		Smithsonian Collection
	HOLT.								
V O	Corning	40 17	95 32	779	4	4x Apl'70	Dec'74		Smithsonian Collection
V O	"				9	2x Jan'74	Apl'83		Temp. Wind, Clds. Rain
W S	"					5 May'83	Nov'83	T	
W S	Craig	40 15	95 00	600	1	4x Oct'36			T.(max.min.) Rain
V O	"					2 Dec'79	Jan'80		
W S	Mound City	40 09	95 17		1	10x Apl'86	Apl'89		
W S	Oregon	39 59	95 09	1100	34	2 Jul'55			
V O	"				5	5x Jun'76			T.(max.min.)Wind.Clds.Rain
	ANDREW								
W S	Savannah	39 56	94 55	1145	7	4 Nov'79	Aug'89	T	
	SULLIVAN								
V O	Harris					2 Nov'89			
	ADAIR.								
W S	Kirksville	40 12	92 34	1000	11	4x Jan'78			
	KNOX								
V O	Edina	40 10	92 12		7	8 May'59	Dec'66	T	Smithsonian Collection
	LEWIS								
V O	Wyoconda Prairi	40 12	91 37		5	4 Mar'62	Dec'68		Smithsonian Collection
	BUCHANAN								
V O	Easton	39 46	94 12		1	11x Sep'64	Nov'66		" "
W S	"					3x Feb'80	May'80		

X Record broken.

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	BUCHANAN.	°	′	°	′							
V O	St. Joseph	39	45	94	53	930	3	4x	May'57	Apl'73		Smithsonian Collection.
Riv	" "						13	7x	Jul'73		T	Stage of river & rainfall.
	CALDWELL.											
W S	Hamilton	39	46	94	02	1000	3	0x	Jan'78	Dec'80		Temp. broken.
W S	Kidder							4x	Feb'88	May'89		
V O	"							2	Oct'89		T	
	LIVINGSTON.											
W S	Chillicothe	39	48	93	36	775	2	5x	Jan'78	Jun'82		
	MACON.											
W S	Macon City	39	45	92	30	880	6	10x	Jan'78	Mar'89		
V O	Palmyra	39	47	91	37		1	1x	Jun'56	Nov'57		Smithsonian Collection.
W S	"							1	April'80			
	SHELBY.											
W S	Shelbina	39	40	92	05	795	9	6	Nov'79	Jun'89	T	
V O	"							6	Jul'89		T	
	MARION.											
V O	Hannibal(near)	39	40	91	29		1	7x	Mar'53	Jan'56		Smithsonian Collection.
W S	Hannibal						6	6	Sep'78	Apl'86	T	
V O	"							1	Dec'89		T	
W S	"							8	Nov'88	Jun'89	T	
V O	"							6	Jul'89		T	
	CLAY.											
V O	Excelsior Spgs.	39	23	94	27		1	4	Sep'88			
	CARROLL.											
V O	Carrollton	39	20	93	28			2	Mar'60	Apl'60	R	Smithsonian Collection.
W S	"	39	21	93	33		1	8	Aug'79	Mar'81	T	
	CHARITON.											
V O	Brunswick	39	24	93	05		1	0	Jan'45	Dec'45	R	Smithsonian Collection.
Riv	"	39	26	93	08		10	4x	May'73	Dec'85		Stage of river & rainfall.
V O	"							3	Oct'89			
V O	Keytesville	39	37	93	03		1	2x	May'69	Jul'73		Smithsonian Collection.
W S	"							5	Feb'79	Jun'79	T	
	MONROE.											
V O	Paris(near)	39	30	92	00	700	2	0x	Aug'59	Jan'62		Temp. broken.
W S	Paris							9x	Dec'79	Dec'80	T	

X Record broken.

																	BUCHANAN.
O	St. Joseph	39	45	34	53	930	3	4x	May'57	Apl'73							Smithsonian Collection.
iv	" "						18	7x	Jul'73		T						Stage of river & rainfall.
																	CALDWELL.
S	Hamilton	39	46	34	02	1000	3	0x	Jan'78	Dec'80							Temp. broken.
S	Kidder							4x	Feb'88	May'89							
O	"							2	Oct'89		T						
																	LIVINGSTON.
S	Chillicothe	39	48	93	36	775	2	5x	Jan'78	Jun'82							
																	MACON.
S	Macon City	39	46	92	30	880	6	10x	Jan'78	Mar'89							
O	Palmyra	39	47	91	37		1	1x	Jun'56	Nov'57							Smithsonian Collection.
S	"							1	April'80								
																	SHELBY.
S	Shelbina	39	40	92	05	795	9	8	Nov'79	Jun'89	T						
O	"							6	Jul'89		T						
																	MARION.
O	Hannibal(near)	39	40	91	29		1	7x	Mar'53	Jan'56							Smithsonian Collection.
S	Hannibal						8	6	Sep'78	Apl'86	T						
O	"							1	Dec'89		T						
S	"							8	Nov'88	Jun'89	T						
O	"							6	Jul'89		T						
																	CLAY.
O	Excelsior Spgs.	39	23	94	27		1	4	Sep'88								
																	CARROLL.
O	Carrollton	39	20	93	28			2	Mar'80	Apl'80	R						Smithsonian Collection.
S	"	30	21	93	33		1	8	Aug'72	Mar'81	T						
																	CHARITON.
O	Brunswick	39	24	93	05		1	0	Jan'45	Dec'46	R						Smithsonian Collection.
iv	"	39	36	93	03		10	4x	May'73	Dec'85							Stage of river & rainfall.
O	"							3	Oct'39								
O	Keytesville	39	27	93	03		1	2x	May'63	Jul'73							Smithsonian Collection.
S	"							5	Feb'72	Jun'79	T						
																	MONROE.
O	Paris(near)	39	30	92	00	700	2	0x	Aug'59	Jan'62							Temp. broken.
S	Paris							9x	Dec'72	Dec'80	T						

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	AUDRIAN								
W S	Mexico	39° 10′	91° 52′	812	11 10	Jan'78			Rain, T.(max.min.).
	PIKE.								
V O	Ashley	39 20	91 12	850	2 6x	Sep'78	Apl'81		Temp. Wind. Clds. Rain.
V O	Curryville	39 00	92 25		2 0x	Feb'82	Mar'85		
V O	Frankford	39 30	91 25		7 9x	Oct'74			Bar.Temp.Wind.Clds.Rain. No. bar. after Jan'88.
W S	Louisiana	39 28	91 05		9 10x	Jan'78	Jun'88	T	
Riv	"	39 27	91 02		4 0x	Apl'85			Stage of River and Rainfall.
	JACKSON								
V O	Independence	39 03	94 37	833	1 2x	Aug'79	Oct'85		Bar.Temp.Rain.
V O	Kansas City	39 05	94 40	710	3 2x	Feb'70	Dec'73		Smithsonian Collection.
V O	" "				3 6x	Dec'73	Feb'80		T.(max.min.) Rain.
V O	" "				6	Jul'89			Max.Min.Temp. & Rain.
Riv	" "	39 05	94 37		13 10	May'73	Jun'88		Stage of River & Rainfall.
W S	" "				11 8x	Jan'78		T	
S S	" "				1 6	Jul'88			2d Order (also river record).
	LA FAYETTE.								
Riv	Lexington	39 10	93 53		9 9x	May'73	Mar'85		Stage of River & Rainfall.
W S	"				10	Jan'78	Sep'87		
	SALINE								
V O	Grand Pass	39 12	93 43		1 3	Oct'88			Max. & Min. Temp. & Rain.
V O	Miami	39 18	93 15		43 0	Jan'47	Dec'89	T	Table of rainfall.
W S	"				10 7x	Jan'78			
V O	"				2	Nov'89			
V O	New Frankford				1 3	Oct'88			
	HOWARD.								
V O	Fayette	39 16	92 45		3 4	Feb'86			Bar,T.(max.min.) Wind Clds,R.
W S	"				1 10x	Aug'87			
W S	Glasgow	39 15	92 52		11 9x	Oct'77	Jul'89		Temp. broken.
V O	"				5	Aug'89			Max.Min.Temp. & Rain.
	CASS.								
V O	Harrisonville	38 33	94 25		7 7x	Jun'63	Dec'70		Smithsonian Collection.
W S	"				9 0x	Jun'78			
V O	"				6	Jul'89			
W S	Pleasant Hill	38 49	94 15	855	7 11	Jan'78	Aug'87		

X Record broken.

													AUDRIAN
S	Mexico	39	10	91	82	812	11	10	Jan'78				Rain, T.(max.min.)
													PIKE.
O	Ashley	39	20	91	12	850	2	6x	Sep'78	Apl'81			Temp. Wind. Clds. Rain.
O	Curryville	39	00	92	25		2	0x	Feb'82	Mar'85			
O	Frankford	39	30	91	25		7	9x	Oct'74				Bar.Temp.Wind Clds.Rain. No. bar. after Jan'86.
S	Louisiana	39	28	91	05		9	10x	Jun'78	Jun'88	T		
V	"	39	27	91	02		4	0x	Apl'85				Stage of River and R infall.
													JACKSON
O	Independence	39	03	94	27	885	1	2x	Aug'79	Oct'85			Bar.Temp.Rain.
O	Kansas City	39	05	94	40	710	3	2x	Feb'70	Dec'73			Smithsonian Collection
C	"							6x	Dec'73	Feb'80			T.(max.min.) Rain.
O	"								Jul'89				Max.Min.Temp. & Rain
V	"	39	05	94	37		10	10	May'77	Jun'88			Stage of River & Rainfall.
J	"						11	8x	Jan'78		T		
S	"						1	6	Jul'88				24 Order (also river report.
													L. FAYETTE.
V	Lexington	37	10	93	53		9	9x	May'73	Mar'85			Stage of River & Rainfall
	"						0		Jan'78	Sep'87			
													CAMPBELL
O	Mount Pass	39	12	93	42		1	3	Oct'88				Max. & Min. Temp. & Rain.
T	Paris	39	18	93	15		42	0	Jun'47	Dec'89	T		Table of rainfall.
C	"						10	7x	Jan'78				
O	"							2	Nov'83				
O	New Franklin						1	3	Oct'88				
													HOWARD.
O	Fayette	39	15	92	45		3	4	Feb'88				Bar.T.(max.min.) Wind Clds.R.
S	"						1	10x	Aug'87				
S	Glasgow	39	15	92	52		11	4x	Oct'77	Jul'89			Temp. broken.
O	"							5	Aug'89				Max.Min.Temp. & Rain.
													CASS.
O	Harrisonville	38	13	94	25		7	7x	Jun'03	Dec'70			Smithsonian Collection.
S	"						9	0x	Jun'78				
O	"							6	Jul'[illegible]				
O	Pleasant Hill	38	49	94	15	855	7	11	Jan'78	Aug'87			

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	JOHNSON	°	′	°	′							
V O	Warrensburg	38	45	93	40	600	1	8x	Jul'68	Dec'74		Smithsonian Collection.
V O	"						1	0	Jun'74	May'75		Temp. Wind. Clds. Rain.
W S	"						4	9x	Jan'78	Jul'89		
V O	"							5	Aug'89			
	PETTIS.											
W S	Houstonia	38	54	93	22		2	8	Jan'85	Aug'87		
W S	Lamonte	38	47	93	24	877	3	8x	Jan'85		T	
V O	"							5x	Jul'89		T	
W S	Sedalia	38	42	93	16	895	10	10x	Jan'78	Jun'89		
V O	"							6	Jul'89			
	COOPER											
Riv	Boonville	38	59	92	53		13	6x	Nov'73		T	Stage of River & Rainfall.
W S	"						6	1x	Jun'78	Sep'85		
	BOONE.											
W S	Columbia	38	58	92	14			7x	Jan'79	Aug'87		
S S	"							5	Aug'89			3d Order.
	LINCOLN											
W S	Big Creek	38	56	91	00		5	6	Jan'78	Jul'83	T	Near Troy.
W S	Troy	38	56	91	00		2	6x	Jan'78	Oct'89		
	WARREN.											
V O	Warrenton	38	50	91	15	825	3	10	Oct'59	Jul'63	R	Smithsonian Collection.
V O	"						3	3x	Nov'80		R	Bar. & Temp.
	ST CHARLES.											
W S	O'Fallon	38	45	90	40		2	3x	Jun'81	Dec'85	T	
W S	St. Charles	38	46	90	27		11	6	Jan'78	Jun'89		Temp. from Nov'87 only.
V O	"							6	Jul'89			
	ST. LOUIS.											
V O	Allentown	38	29	90	45	482	7	0x	Jan'64	Jul'71		
W S	Fox Creek	38	34	90	41		2	2x	Sep'87			
V O	St. Louis	38	28	90	15	472	33	6x	Jan'27	Jul'62		Obs. at Jefferson Barracks.
M D	" "						3	7	Jan'82			Obs. at Jefferson Barracks. Full report previous to Jan'89, after that date Max. Min. Temp & Rain.
V O	" "	38	38	90	12	571	44	0x	Jan'33	Jun'76		Smithsonian Collection.
S S	" "						19	2	Nov'70			2d Order.

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	ST. LOUIS									
W S	St. Louis	38° 38	90° 12	571	11	5	Jan'78			
V O	" "					2	Jan'74	Feb'74		Bar. T.(max.min.)Hyg.Wind,Rain
V O	" "				1	7x	Jan'81	Jan'83		Bar. T. Hyg.Wind,Clds.Rain.
V O	" "				44	4	Jan'37	May'81		Dr.Geo. Englemann. Monthly Summaries of Bar. Temp.Wind,Clds. Rain.
V O	Tower Grove	38 26	90 20	500	2	5x	Jan'61	Jan'64		Smithsonian Collection.
	COLE.									
V O	Jefferson	38 35	92 16	650	3	9x	Feb'68	Jun'72		Smithsonian Collection.Rain for 2 months only.
Riv	"	38 34	92 10		10	7	May'73	Jan'85	T	Stage of River.Rain for 8y.10m
	OSAGE.									
W S	Chamois	38 40	91 44		13	8x	Jan'73	Dec'86		
	GASCONADE.									
Riv	Hermann	38 41	91 27		15	5x	May'73		T	Stage of River.Rain broken.
V O	"					6	Jul'89		T	
	FRANKLIN.									
W S	Moselle				1	3x	Dec'79	Sep'81	T	
W S	New Haven					4x	Dec'88	Jul'89		
V O	" "					4	Aug'89			
V O	Union	38 25	91 07	616	1	5x	Jan'66	Jun'67		Smithsonian Collection.
	JEFFERSON.									
V O	Hematite	38 11	90 37		4	0	Apl'68	Mar'72		Smithsonian Collection.
	HENRY.									
V O	Clinton	38 22	93 41	908		8x	Apl'82	Jan'83		Bar.Temp.Wind.Clds.Rain.
W S	"				3	5x	Jan'78	Feb'83	T	
	ST CLAIR.									
V O	Appleton City					1	Dec'89		T	
	CAMDEN.									
V O	Stoutland	37 48	92 34	1500	1	10	Mar'72	Dec'74		Smithsonian Collection.
V O	" (near)				1	8	Jan'74	Sep'75		
V O	Wet Glaize	37 57	92 35	1450	1	10x	Jan'72	Dec'73		Smithsonian Collection.
V O	" "				4	6x	Jan'74	Dec'78		Temp. Wind. Clds. Rain.
	CRAWFORD.									
W S	Cuba	38 03	91 22	925	2	7x	Jun'78	Aug'81	T	
W S	Steelville	37 57	91 21		4	9	Oct'84	Jun'89		
V O	"					6	Jul'89			

X Record broken.

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	VERNON.								
V O	Nevada	37° 50′	94° 23′	850	2 5x	Sep'71	May'74		Smithsonian Collection.
V O	"				7x	Jan'74			
W S	"				4	Feb'80	May'80	T	
	CEDAR.								
V O	Stockton	37 43	93 48	800	1 0x	Aug'59	Feb'61		Smithsonian Collection.
	HICKORY.								
V O	Hermitage	37 53	93 15		2 4	Sep'67	Dec'69		" "
	POLK.								
V O	Bolivar.	37 35	93 30	1000	1 2	Dec'68	Jan'70		" "
W S	"				6 3	Jan'78	Mar'84		Temp. broken.
	LACLEDE.								
V O	Lebanon	37 42	92 41	1262	2 1x	Jan'78	Feb'84		Temp.Wind,Rain. Much broken.
	PULASKI.								
V O	Richland	37 51	92 24	1134	2 0	Jun'72	Jun'74		Smithsonian Collection.
V O	"				5	Dec'73	Apl'74		Temp. Wind & Rain.
	PHELPS.								
Riv	Jerome	38 57	91 03		3 11x	May'85		T	Also known as Arlington. Stage of River and Rainfall.
W S	"				11x	Jan'88	Dec'88	T	
V O	Rolla (near)	37 58	91 44	950	6 8	May'67	Dec'73		Smithsonian Collection.
V O	"				2 9x	Jan'74	Mar'77		Temp. Wind, Clds. Rain.
W S	"				9x	Feb'82	Apl'83		
	BARTON.								
W S	Lamar	37 32	94 15		6 2x	Dec'77	Jun'84	T	
S S	"			1028	3 10	Mar'85	Dec'88		2d Order.
	DADE.								
W S	Greenfield	37 26	93 45		8 10x	Jan'78	Nov'86		
	GREEN.								
V O	Cave Spring	37 20	93 30	1300	1 3	Jan'74	Mar'75		Temp. Wind. Clds. Rain.
V O	" "				2 6x	Jan'71	Mar'75		Smithsonian Collection.
V O	N. Springfield	37 15	93 20	1460	1 3	May'71	Jul'72		Smithsonian Collection.
V O	" "				5	Nov'80	Mar'81		Temp. Wind. Clds. Rain.
V O	Springfield				10	Jul'57	Apl'58		Smithsonian Collection.
V O	"	37 16	93 10	1452	5 7x	Feb'77	Jun'87		Bar. T.(max.min.) Hyg.Wind Clouds & Rain.

X Record broken.

| | | |

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	GREENE (Con)	° ′	° ′						
S S	Springfield	37 12	93 18	1356	4 0	Jan'82			2d Order. No record from June '83 to Jun'87. Office closed.
W S	"				3 6	Apl'84	Jun'89		
	WEBSTER.								
V O	Marshfield				1	Nov'89		T	
	DENT.								
W S	Salem	37 38	91 31		2 0x	Jun'78	May'82	T	
	REYNOLDS.								
W S	Centreville				9 2x	Apl'78	May'87		
	IRON.								
W S	Ironton	37 38	90 37	935	11 7	Jan'78	Jul'89		Temperature broken.
V O	"				5	Aug'89			
W S	Pilot Knob				1 0x	Sep'78	Oct'79	T	
	MADISON.								
W S	Mine La Motte				10 6	Jun'77	Dec'87		Rainfall Report, 1887 Prof. F.E. Nipher, St. Louis.
	BOLLINGTON.								
W S	Marble Hill				1 1x	May'78	Jul'80	T	
	CAPE GIRARDEAN.								
V O	Cape Girardean	37 20	89 30		1 3x	Oct'56	Jan'58		Smithsonian Collection.
W S	Jackson	37 20	89 46		1 0	Jan'78	Jan'79	T	
V O	"				1	Sep'86		R	Max. & Min. Temp.
W S	Oak Ridge				7	Nov'88	Jun'89		
V O	" "				5	Jul'89			
	JASPER.								
V O	Carthage	37 11	94 15	1100	2 10	Oct'84		R	Max. & Min. Temp. Wind.
W S	"				10 10x	Jan'78			
	LAWRENCE.								
V O	Mt. Vernon	37 04	93 55	1420	2 9x	Jul'71	Jul'74	T	Smithsonian Collection.
V O	" "				1 2x	Jan'74	Oct'75	T	
W S	" "				6x	Jan'78	Aug'78	T	
V O	Pierce City	37 07	93 50	1350	10 1x	Jul'78	Feb'89		Bar. Temp. Wind, Clds. Rain.
	NEWTON.								
W S	Neosho	36 52	94 21		3 10	Jan'78	Oct'81		
	CHRISTIAN.								
W S	Ozark	37 03	93 12		1 10x	Dec'87			
V O	"				1 4	Sep'88			

X Record broken.

													GREENE(Con)
3	Springfield	37	12	02	18	1585	4	0	Jan'82				24 Order. No record from June '82 to Jan'87.Office close..
3	"							3	6	Apl'84	Jan'89		
													WEBSTER.
0	Marshfield								1	Nov'89		T	
													LEWIS.
1	Salem	37	38	91	31			2	0x	Jun'73	May'82	T	
													BUCHANAN.
3	Centreville							9	2x	Apl'78	May'87		
													IRON.
3	Ironton	37	38	90	37	935	11	7		Jan'78	Jul'83		Temperature broken.
0	"							5		Aug'89			
3	Pilot Knob							1	0x	Sep'78	Oct'79	T	
													MARION.
3	Mine La Motte							10	6	Jun'77	Dec'87		Rainfall Report,1887 Trial.... Higher,St. Louis.
													MONITEAU.
3	Martin Hill							1	1x	May'79	Jul'80	T	
													CAPE GIRARDEAU.
0	Cape Girardeau	37	33	89	30			1	3x	Oct'56	Jan'83		Smithsonian Collection..
3	Jackson	37	30	89	43			1	0	Jan'78	Jan'79	T	
0	"								1	Sep'86		R	Max. & Min. Temp.
3	Oak Ridge								7	Nov'08	Jun'89		
0	" "								5	Jul'89			
													LACLEDE.
0	Cartlage	37	11	94	18	1100	2	10		Oct'84		R	Max. & Min. Temp. Wind.
2	"							10	10x	Jan'78			
													LAFAYETTE.
0	Mt. Vernon	37	04	93	96	1430	2	9x	Jul'71	Jul'74		T	Smithsonian Collection.
0	" "							1	2x	Jan'74	Oct'75	T	
2	" "								6x	Jan'78	Aug'78	T	
0	Pierce City	37	07	93	50	1350	10	1x	Jul'76	Feb'89			Bar. Temp. Wind, Clds. Rain.
													LINCOLN.
3	Moscow	39	32	94	21			3	10	Jan'74	Oct'81		
													CHARITON.
3	Chariton	37	03	93	12			1	10x	Feb'87			
								1	4	Sep'83			

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		° ′	° ′						
	MISSISSIPPI.								
V O	East Prairie	36 50	89 20		3 0	Jan'68	Dec'70		Near Charleston. Smithsonian Collection.
W S	" "				1 5x	Jan'78	Nov'79	T	
	BARRY.								
V O	Cassville	36 41	93 56	3000	1 10	Aug'59	Jun'61		Smithsonian Collection.
W S	Taney	36 41	93 07		3 1x	Oct'78	Aug'82	T	
	HOWELL.								
W S	Willow Springs				5	Feb'89	Jun'89	T	
V O	" "				5	Jul'89			
	DUNKLIN.								
V O	Hornersville	36 05	90 05		1 3	Jan'60	Mar'61	R	Smithsonian Collection.
	PEMISCOT.								
W S	Gayoso	36 20	89 38		3 7	Jan'73	Jul'81	T	

X Record broken.

Fragmentary Records of less than a year in length are on file from the

Following Stations:

M I S S O U R I.

Station.	County.	Station	County	Station.	County.
Archie	Cass	Bedford	Livingston	Billings	Christian
Butler	Bates	Canton	Lewis	Charleston	Mississippi
Clarks Fork	Cooper	Cotton Plant	Dunklin	Crystal City	Jefferson
Dauphine	Osage	Dexter City	Stoddard	Dresden	Pettis
Dundee	Franklin	Edinburg	Grundy	Farmington	St.Francois
Forest City	Holt	Gallatin	Daviess	Graham	Nodaway
Harlem	Clay	Highland	Montgomery	Hopkins	Nodaway
Laborville	St. Louis	Laflin	Bollinger	Lakenan	Shelby
Lee's Summit	Jackson	Le Roy	Dodge	Linnes	Linn
Maray (near)	Clark	Maryville	Nodaway	Mayview	LaFayette
Milan	Sullivan	Moberly	Randolph	New Cambria	Macon
Oakwood	Marion	Piedmont	Wayne	Poplar Bluffs	Butler
Rhineland(near)	Montgomery	Rockport	Atchison	Round Hill	Cooper
Shelbyville	Shelby	Sherrill	Texas	Sikeston	Scott
Verona	Lawrence	Westport	Jackson		

Transcriptory Records of less than a year in length are on file from the

following stations:

M I S S O U R I.

Station.	County.	Station	County	Station.	County.
Arbrie	Cass	Bedford	Livingston	Billings	Christian
Butler	Dents	Canton	Lewis	Charleston	Mississippi
Clarks Fork	Cooper	Cotton Plant	Franklin	Crystal City	Jefferson
Dauphine	Osage	Dexter City	Stoddard	Dresden	Pettis
Dundee	Franklin	Edinburg	Grundy	Farmington	St. Francois
Forest City	Holt	Hamilton	Daviess	Graham	Holaway
Harlem	Clay	Highland	Hopkins	Hopkinsery	Monaway
Laborville	St. Louis	Lafflin	Lafayette	Lakeman	Shelby
Lee's Summit	Jackson	Le Roy	Dodge	Lithona	Linn
Liberty (near)	Clark	Maryville	Holdaway	Maryville	Lafayette
Milan	Sullivan	Moberly	Randolph	New Cambria	Macon
Oakwood	Barton	Pierson	Wayne	Poplar Bluffs	Butler
Rutledge(near)	Mark Twain	Rosebport	Atchison	Round Hill	Cooper
Shelbyville	Shelby	Sparrill	Texas	Stricker	Scott
Vernon	Lawrence	Westport	Jackson		

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	MISSOULA	° ′	° ′						
V O	Missoula	46 45	113 45	3300	3 9x	Nov'70	Mar'76		Sm.Col.temp.rain.
S S	Fort Missoula	46 54	114 04	3875	3 0	Jun'80	May'83		Full observations.
M D	"				4 0	Jan'86			Temp.rain.wind.
V O	Sheldon	48 20	114 20		1 2	Nov'88			Temp.rain.wind.
	CHOTEAU								
M D	Ft.Assinaboine	48 36	109 45	2650	8 3x	Jan'80			Temp(max-min)hyg.rain.wind.
S S	"				9 5	Aug'80			Full observations.
V O	Fort Benton	47 50	110 40	2774	0 5	Jan'69	May 69	T	Sm.Col.Rain.
M D	"				11 6	Nov'69	May 81		Temp(max-min),hyg,rain.wind.
S S	"			2681	15 1	Dec'71	Nov'86		Full observations.
V O	Blackfeet Agency	48 30	113 40	6000	2 4	Feb'79	May 82		Temp.rain.wind.clds.
M D	Camp Cook	47 40	109 30		2 11	Sep'66	Sep'69		Temp(max-min)hyg.rain.wind.
	DAWSON								
V O	Carroll	47 35	107 45	2600	1 1x	Jul'74	Mar'76		Temp.rain.clds.wind.
S S	Galpin	48 05	106 32		1 9	May 88		T	Rain.
V O	Glendive	47 10	104 45	2067	1 8x	Aug'82			Temp(max-min).rain.
S S	"				1 3	Mar'82	May 83		Temp(max-min)rain.wind.
S S	Kintyre	48 08	106 12		0 6	Jul'89		T	Rain(Spec.rainfall)
S S	Poplar River	48 08	105 10	2000	7 0	May 82	Mar'89		Full observations.
V O	Fort Sheridan	47 25	108 10	2500	1 0	Jan'74			Sm.Col.temp.rain.
	DEER LODGE								
V O	Deer Lodge	46 26	112 45	4240	3 4	Jun'69	Dec'73		Sm.Col.temp.rain.
S S	New Chicago	46 45	113 15		2 4x	Mar'81	Jun'83		Temp(max-min).rain.wind.
	LEWIS AND CLARKE								
S S	Cartersville	46 58	112 08		1 2	Apl'82	May 83		Temp(max-min)rain.wind. (Sunset Station)
V O	Helena	46 33	112 04	4150	2 0x	Jan'66	Oct'69		Sm.Col.temp.rain.
S S	"			4069	9 10	Apl'80			Full observations.
	CASCADE								
M D	Fort Shaw	47 31	111 48	3550	21 6	Sep'67			Temp(max-min)hyg.rain.wind.
S S	"				0 5	Sep'77	Jan'78		Temp.rain.clds.(Sunset Station)
S S	"				6 6	Apl'80	Sep'86		Full observations.

X Record broken.

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	FERGUS	° ′	° ′						
M D	Ft.Maginnis ✓	47 12	109 10	4340	3 10x	Dec'80			Temp(max-min).rain.wind.
	MADISON								
V O	Virginia City ✓	45 17	111 58	5480	0 4	Jan'71	Apl'71		Rain.temp.
S S	" ✓				8 11	Oct'71	Nov'80		Full Observations.
V O	" ✓				2 0	Jan'83			Temp.rain.
	MEAGHER								
M D	Camp Baker ✓	46 41	111 11	4538	7 11	Sep'70	Dec'78		Temp(max-min).rain.wind.
M D	Fort Logan ✓	47 00	110 00	6000	2 5x	Jan'79	Dec'89		Temp(min).rain.wind.
	GALLATIN								
V O	Bozeman ✓	45 41	111 03	4900	1 4x	Aug'72	Mar'75		Temp.rain.
M D	Fort Ellis ✓	45 40	111 00	5300	17 5x	Aug'68	Aug'83		Temp(max-min).rain.wind.
	CUSTER								
M D	Ft.C.F.Smith ✓	45 20	107 53		1 10	Sep'63	Aug'63		Temp.hyg.rain.wind.
S S	Fort Custer ✓	45 42	107 34	3100	10 4	Sep'79			Full observations.
M D	" ✓				1 4	Sep'88			Temp.rain.wind.
S S	Custer Station (Terry's Landing)	46 07	107 39	2725	2 3	Apl'81	Jun'83		Temp(max-min).rain.wind.
S S	"				1 10	Mar'83		T	Rain(Spec.rainfall)
M D	Fort Keogh ✓	46 22	105 53	2430	10 8	Jan'78			Bar.temp(max-min)rain.wind.
S S	" ✓				4 5	Jan'79	May 83		Full observations.
V O	Powder River ✓	46 30	105 50		0 8	May 89			Temp(max-min).rain.

List of Stations having less than one year's record and which are not now in operation.

Station	County
Baton City	Chotéau
Billings ✓	Yellowstone
Cantonment at Tongue River	Custer
Foley ✓	Custer
Rock Creek ✓	Lewis & Clarke
Trout Creek	Meagher
Fort Union	Dawson

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	DAWES	° ′	° ′						
M D	Ft.Robinson	42 50	103 24		6 6	Jul'83			Bar.temp(max-min)hyg.wind. clds.rain.
S S	"				1x	Feb'88	Sep'88		Temp(max-min)wind.dir.rain.
	BOX BUTTE								
V O	Alliance	42 05	102 50		4	Sep'89			Temp(max-min).rain.
	SHERIDAN								
V O	Bingham	42 00	102 01		6x	Jun'89			Temp(max-min).rain.
M D	Ft.Sheridan	42 51	102 39	4000	4 9	Jul'76	Mar'81		Temp(max-min)wind.rain.
V O	Hay Springs	42 40	102 38	3848	4 0	Jan'86			Temp(max-min),wind.rain.
	CHERRY								
M D	Ft.Niobrara	42 53	100 25		7 0x	Aug'80			Temp(max-min)hyg.wind.clds. rain.
V O	Kennedy	42 30	100 50		11	Feb'89			Temp.wind.dir.rain.
S S	Valentine	42 50	100 32	2613	4 4	Sep'85			Full observations.
	HOLT								
V O	Richmond	42 36	99 09		1 6	Apl'75	Sep'76		Temp.wind.clds.rain.
	KNOX								
W S	Creighton	42 27	97 48		1 0x	Dec'86	Jan'89	R	Temp.
V O	"				11	Feb'89			Temp.wind.dir.rain.
V O	Santee Indian Agency	42 49	97 43		2 8	May 71	Dec'73		Sm.Col.temp.rain.
V O	"					Jan'74	Sep'75		Temp.wind.rain.
	DAKOTA								
V O	Dakota City	42 25	96 25	1090	1 7x	Oct'67	Aug'69		Sm.Col.temp.rain.
	ANTELOPE								
W S	Neligh	42 07	97 59		2 0x	Aug'83	Mar'86		Temp.rain.
W S	Oakdale	42 04	97 57	1722	2 0	Jan'88			Temp.rain.
	SCOTTS BLUFF								
V O	Gering	41 50	103 50		6	Jul'89			Temp(max-min)wind.dir.rain.
	KIMBALL								
V O	Kimball	41 13	103 40	4500	2 0x	Nov'87			Temp(max-min).rain.
	CHEYENNE								
M D	Fort Sidney	41 09	102 59	4095	11 9x	Jun'72			Temp(max-min)wind.clds.rain.
S S	Sidney				1 2x	Jan'78	Sep'80		Temp.wind.clds.rain.(Sunset Station)

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		°	′	°	′							
	MADISON											
V O	Madison	41	48	97	27	1500	1	1	Dec'84	Dec'85		Temp.rain.
V O	Norfolk	41	59	97	23	1532		6x	Feb'73	Sep'73		Sm.Col.temp.rain.
V O	"						4	9x	Mar 74	Feb'79		Temp.wind.clds.rain.
W S	"						1	8x	Sep'83	Aug'87	T	Rain.
	CUMING											
V O	West Point	41	50	96	42	1326		3	Apl'73	Jun'73	T	Sm.Col.Rain.
W S	"						5	2	Apl'74			Temp.rain.
	BURT											
W S	Craig	41	48	96	18	1185		7	Apl'89	Oct'89		Temp.rain.
V O	"							2	Nov'89			Temp.hyg.wind.rain.
V O	Omaha Agency	42	06	96	21		5	11	Jan'68	Nov'73		Sm.Col.temp.rain.
	CUSTER											
V O	Ansley	41	15	99	22		1	2	Nov'88			Temp(max-min).rain.
W S	Sargent	41	38	99	22		4	9x	Feb'82	Nov'89		Temp.rain.
	VALLEY											
M D	Ft.Hartsuff	41	43	99	00		5	9	Sep'75	May 81		Temp(max-min)wind.rain.
V O	North Loup	41	30	98	46	1961	1	1	Dec'88			Temp.wind.dir.rain.
	PLATTE											
V O	Genoa(near)	41	26	97	43	1584	14	1	Dec'75			Temp(max-min)wind.clds.rain.
W S	West Hill	41	33	97	49		10	8	May 79			Temp.rain.
	DODGE											
V O	Fremont	41	25	96	27	1203	7	9	Apl'82			Temp(max-min)wind.rain.
W S	Purple Cane	41	06	96	09		4	8	May 85		R	Temp.
	WASHINGTON											
V O	Ft.Calhoun	41	28	96	00	1327	7	0	Jan'20	Dec'26	R	Sm.Col.temp.
V O	De Soto	41	28	96	03	1100	6	11	Jan'67	Nov'73		Sm.Col.temp.rain.
V O	"						15	9x	Jan'74			Bar.temp(max-min)hyg.wind. clds.rain.
V O	Fontanelle	41	33	96	28	1000	1	11x	Jan'59	Nov'69		Sm.Col.temp.rain.
	KEITH											
W S	Ogalalla	41	07	101	42	3216	2	11x	Feb'85	Feb'88	R	Temp.
	SHERMAN											
V O	Austin	41	12	98	53		1	2	Dec'79	Jan'81	R	Temp.
	MERRICK											
S S	Central City	41	04	98	00	1708	2	10	Aug'77	May 80		Bar.temp.hyg.wind.rain. ~~(Sunset Station)~~

X Record broken.

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	MERRICK Con-	° ′	° ′						
W S	Central City	41 04	98 00	1708	4 5x	Aug'77	Dec'85		Temp.rain.
W S	Palmer	41 17	98 14			Jan'86			Temp.rain.
	POLK								
W S	Stromsburg	41 06	97 35	1636	3 11x	Aug'83	Aug'87		Temp.rain.
	BUTLER								
V O	David City	41 15	97 06	1619	1 3x	Sep'88			Temp.rain.
	SAUNDERS								
W S	Ashland	41 02	96 20	1101	4 9x	Sep'83			Temp.rain.
V O	Clear Creek	41 16	96 41	1185	9 10x	Jun'74	May 84		Temp.wind.clds.rain.
W S	Weston	41 12	96 43	1261	9	Apl'89			Temp.rain.
V O	Yutan	41 19	96 23	1200	1 10	Jun'84	Jan'87		Temp.wind.clds.rain.
	DOUGLAS								
M D	Omaha Bar'ks	41 15	95 56	1300	5 8x	Feb'69			Temp.hyg.wind.rain.
V O	Omaha	41 16	95 56	1113	2 9x	Jun'57	Feb'61		Sm.Col.temp.rain.
S S	"				19 2	Nov'70			Full observations & river
V O	Richland (Elkhorn)	41 26	96 11	1350	11 3x	Jul'58	Sep'71		Sm.Col.temp.rain.
	SARPY								
V O	Bellevue	41 08	95 52	950	15 7x	Jun'57	Dec'73		Sm.Col.temp.rain.
V O	"				1 0	Jan'74	Dec'74		Temp.wind.clds.rain.
	PERKINS								
V O	Grant	40 51	101 42		3	Oct'89		T	Rain.
	LINCOLN								
M D	Ft.Mc.Pherson	41 02	100 31	2695	12 9x	Nov'66	Apl'80		Bar.temp(max-min)hyg.wind. clds.rain.
S S	North Platte	41 08	100 45	2841	15 3	Oct'74			Full observations.
	DAWSON								
V O	Lexington	40 45	99 15		4x	Apl'89			Temp.rain.
	BUFFALO								
W S	Ravenna (Beaver Creek)	41 02	98 54		11 10x	Mar'78			Rain & 3 mos.temp.
	HAMILTON								
W S	Aurora	40 51	98 00	1803	1 9x	Feb'80	Dec'81	T	Rain.
W S	Marquette	40 58	98 00	1825	2 10x	Apl'80	Jan'83	T	Rain.
V O	"				6 10x	Feb'83			Rain & noon temp.

X Record broken.

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	HAMILTON Con.-									
W S	Stockham	40 ° 43	95 ° 57		6	4x	Jan'80	Apl'87		Temp.rain.
V O	"				4	3	Feb'83	Apl'87		Temp.rain.
	YORK									
W S	York	40 53	97 34	1642	2	7x	May 84	May 87	T	Rain.
	SEWARD									
W S	Camden	40 42	96 59		1	2x	Jan'80	Mar'81	T	Rain.
W S	Milford	40 46	97 01	1414	1	6	Apl'81	Sep'82		Temp.rain.
V O	"					4	Mar'83	Jun'83		Temp.wind.rain.
V O	Utica(7 mi.N)	40 57	97 19	1589	1	0x	Sep'82	Dec'83		Temp.wind.clds.rain.
	CASS									
V O	Glendale	40 55	96 05	1010	4	3x	Aug'61	Dec'69		Sm.Col.temp.rain.
V O	Plattsmouth	41 00	95 50	1018		5x	Jul'73	Dec'73		Sm.Col.temp.rain.
V O	"				6	2x	Jan'74	Mar'80		Bar.temp.hyg.wind.clds.rain.
S S	"				14	0x	Jan'73		T	Rain(Spec.river)
W S	Weeping Water	40 53	96 08		9	0x	Mar'78	Aug'88		Temp.rain.
V O	"				1	3	Oct'88			Temp.wind.dir.rain.
	KEARNEY									
V O	Fort Kearney	40 38	98 57	2360	6	0	Jan'49	Dec'54		Sm.Col.temp.rain.
M D	"				8	8x	Jan'55	Jan'68		Bar.temp.hyg.wind.clds.rain.
W S	"					9x	Jan'82	Oct'82	T	Rain.
W S	Keene	40 25	99 04		1	10x	Feb'84	Dec'85		Temp.rain.
W S	Minden	40 29	98 57		12	0	Jan'78			Temp.rain.
	CLAY									
W S	Fairfield	40 24	98 05	1780		2	Nov'89			Temp.rain.
V O	Harvard	40 37	98 02	1812	1	6x	Dec'84	Sep'87		Temp.rain.
W S	Sutton	40 37	97 50	1689	3	0x	Apl'80	Aug'83		Temp.rain.
V O	"					3	Mar'83	May 83		Temp.wind.clds.rain.
V O	Saronville	40 36	97 56			3	Oct'83			Temp.rain.
	SALINE									
W S	Crete	40 36	96 55	1420	2	10	Apl'80	Jan'83		Temp.rain.
V O	"				6	11	Feb'83			Bar.temp(max-min)hyg.wind. clds.rain.
S S	"	40 38	96 59		2	6	Jul'87			Full observations.
W S	De Witt	40 23	96 54	1299	6	1x	Jan'80	May 88		Temp.rain.

Neb.

X Record broken.

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		° ′	° ′						
	LANCASTER								
V O	Lincoln	40 48	96 40	1047	1	Apl'70			Sm.Col.temp.rain.
W S	"				8x	Jan'80	Jan'81	T	Rain.
V O	"(Agl.College)				7 2x	Feb'81			Bar.temp(max-min)hyg.wind. rain.
	OTOE								
V O	Emerson	40 40	96 00	1300	2 3x	Jun'71	Oct'73		Sm.Col.temp.rain.
V O	"				4 1x	Jan'74	Mar'79		Temp.wind.rain.
V O	Nebraska City	40 40	95 49	1005	3 9x	May 59	Jul'71		Sm.Col.temp.rain.
V O	"				1 6x	Jul'74	Mar'84		Temp.wind.clds.rain.
W S	"				9 11	Feb'80			Temp.rain.
W S	Palmyra	40 43	96 22	1151	2 11x	Jan'80	Jan'83	T	Rain.
W S	Syracuse	40 39	96 09	1053	4 11x	Jan'83	Dec'87		Temp.rain.
V O	"				2 0	Jan'88			Temp.wind dir.rain.
	HITCHCOCK								
V O	Culbertson	40 15	100 48	2572	1 9	Apl'88			Temp(max-min)wind dir.rain.
S S	"				2 6	Jul'87		T	Rain(Spec.rainfall)
	RED WILLOW								
V O	Red Willow	40 14	100 30		2 3x	Feb'83	Apl'85		Temp(max-min).rain.
W S	"				3 7x	Jun'82	Jul'89	T	Rain.
	FURNAS								
V O	Precept(Forest Home)	40 04	99 46		1 0	1881		T	Annual rain.
V O	"				8 0	Jan'82		T	Rain.
	FRANKLIN								
W S	Franklin	40 06	98 56	1320	1 3x	Oct'87			Temp.rain.
	WEBSTER								
V O	Red Cloud	40 05	98 31	1650	11x	Mar'72	Apl'73		Sm.Col.temp.rain.
V O	"				2	Jul'74	Aug'74		Temp.wind.clds.rain.
	NUCKOLLS								
W S	Inavale	40 05	98 37	1729	4 3x	Mar'78	May 85		Temp.rain.
V O	"				7x	Jan'83	Sep'83		Temp.wind.rain.
W S	Superior (Valley Home)	40 02	98 02	1600	5 3x	Jun'79	Aug'85		Temp.rain.
V O	"				0 5x	Jan'83	Jul'89		Temp.wind.rain.

X Record broken.

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	THAYER	° ′	° ′						
W S	Hebron	40 09	97 34	1421	4 0	Jan'83			Temp.rain.
	JEFFERSON								
W S	Fairbury	40 03	97 08	1113	1 3x	Aug'83	Jan'85	T	Rain.
V O	"				4 8x	Mar'85		T	Rain.
	GAGE								
W S	Cedar Bend	40 13	96 30	1026	3 4x	Jan'80	Jun'83	T	Rain.
	JOHNSON								
W S	Sterling	40 27	96 20	1135	1 10x	Jan'80	Dec'81	T	Rain.
W S	Tecumseh	40 21	96 11	1130	5 5x	Apl'78	May 84	T	Rain.
V O	"				5 7	Jun'84			Temp(max-min)wind.rain.
	PAWNEE								
W S	Mission Creek	40 02	96 22		3 10x	Jan'80	Sep'83		Temp.rain.
W S	Pawnee City	40 03	96 08	1130	5 8x	Jan'78	May 84		Temp.rain.
W S	Table Rock	40 10	96 04	1028	6 6x	Apl'78	Aug'83		Temp.rain.
V O	"				10	Mar'83	Dec'83		Temp.wind.rain.
	NEMAHA								
V O	Brownville	40 24	95 40	1000	1 2x	May 58	Oct'59	R	Sm.Col.temp.
V O	"				2 4x	Jun'85	Aug'89		Temp(max-min)wind.rain.
V O	Howard(near)	40 30	95 53		6 10x	Nov'74	Oct'81		Temp.wind.clds.rain.
V O	Howe	40 39	95 48		4	Sep'89			Temp.rain.
W S	Johnson	40 24	95 53	1230	2	Mar'82	Apl'82	T	Rain.
V O	"				1 3	Feb'83	Apl'84		Temp.wind.rain.
V O	Peru	40 23	95 43	1000	4x	Jan'60	Jun'69	R	Sm.Col.temp.
W S	"				2 1x	May 79	Feb'83		Temp.rain.
V O	"				1 4x	Mar'83	Jul'84		Bar.temp.wind.clds.rain.
	RICHARDSON								
W S	Dawson	40 03	95 49	950	2 7x	Oct'83	Dec'86		Temp.rain.
W S	Falls City	40 03	95 35	904	3 4x	Aug'83	May 88		Temp.rain.
V O	"				1 7	Jun'88			Temp(max-min)hyg.wind dir. rain.

X Record broken.

NEBRASKA

List of Stations having less than one year's record and which are not now in operation.

Station	County	Station	County
Auburn	Nemaha	Nursery Hill	Otoe
Avoca	Cass	Ord	Valley
Avon	?	Pioneer Grove	Douglas
Blackbird Hills	Burt	Plymouth	Jefferson
Blair	Washington	Ponca	Dixon
Brock	Nemaha	Plum Creek	Dawson
Fort Childs	Phelps	Purdum	Blaine
Columbus	Platte	Rock Bluffs	Cass
Decatur	Burt	Rock Falls	Phelps
Geneva	Fillmore	Rush	Franklin
Gibbon	Buffalo	Schuyler	Colfax
Homesville	Gage	Section 14	Washington
Ionia	Dixon	Seward	Seward
Magnolia	?	Stanton	Stanton
Marysville	Seward	Stella	Richardson
Meade	Saunders	Stratton	Hitchcock
Mullan	Hooker	Stuart	Holt
Newcastle	Dixon	Tamora	Seward

Table 12: Minimum Service Data Item Size (Bytes) and Field Are Not Same In Operation.

Table	Change	Transition	Growth
Adjust	Include	Minimum Size	Use
Cross-	Case	Set	Valing
Also	Y	Fixing Serve	Dualize
Alphabet Size	Map	Implied	Initiator
Size	Maximum	Focus	Dimm
Type	Double	Fine Speed	Barrel
Run Table	Fixed	Fundus	Alpha
Column	Field	Book Guide	Case
Table	Key	Back Pass	Trace
Cause	Trigger	Back	Trouble
Code	Buffer	Subject	Delta
Dominate	Map	Smaller 14	Availability
Line	Size	Speed	Trace
Address	Y	Fault	Table
Advertise	Speed	Table	Backward
Case	Change	Strategy	Strong
Size	Delay	Speed	Key
Dominate	Size	Tables	Error

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	WASHOE.	°	′	°	′							
W S	Lewer's Ranche	39	16	119	48	5200	1	5x	Feb'88			Temp.(max.min.) Rain.
R R	Reno	39	33	119	47	4497	19	5x	Feb'70			Rain (Temp from Nov'77).
W S	"					4484	1	5x	Feb'88			State University(Bar.T.R.
W S	Verdi	39	30	119	58	4895	1	8x	Feb'88			Temp.(max.min.) Rain.
R R	Wadsworth	39	38	119	19	4077	19	0x	Feb'70			Rain (Temp.from Nov'77).
	HUMBOLDT.											
R R	Browns	40	01	118	41	3929	18	8x	Feb'70			Rain (Temp. from Nov'77).
R R	Golconda	40	57	117	34	4392	11	0x	May'78			Temp.(max.min.) Rain.
R R	Humboldt	40	38	118	14	4236	19	3x	Feb'70			Rain (Temp. from Nov'77).
R R	Iron Point	40	58	117	21	4375	3	0x	Feb'70	Apl'78		Rain (Temp. from Nov'77).
M D	Camp McDermit	41	58	117	45	4700	22	1x	Dec'65	May'89		T.(max.min.)Hyg.Wing,Clds.Rain.
M D	Camp McGarry	41	30	119	05	6000	2	10x	Nov'65	Nov'68		Temp. Wind & Rain.
W S	Mill City	40	40	118	06	4226	1	7x	Feb'88			Temp.(max.min.) Rain.
M D	Camp W. Scott	41	34	117	27		3	7x	Dec'66	Jul'70		Temp. Wind & Rain.
R R	Winnemucca	40	59	117	43	4358	19	4x	Feb'70			Rain.(Temp. from Nov'77).
S S	"	40	58	117	43	4340	10	11x	Jul'77			2d Order.Station closed from Jun'83 to Nov'84 inclusive.
W S	Leonard Creek							3	Oct'89			Temp.(max.min.) Rain.
	ELKO.											
W S	Burner's Ranche	40	36	115	35		1	5x	Mar'88		T	Near Elko.
R R	Carlin	40	43	116	07	4897	19	7x	Feb'70			Rain.(Temp.from Nov'77).
R R	Cedar Pass	41	08	114	50		7	4x	Mar'70	Apl'78		do.
W S	Crane's Ranche	40	43	115	46		1	4x	Mar'88		T	
R R	Elko	40	50	115	46	5065	19	9x	Feb'70			Rain.(Temp.from Nov'77).
R R	Fenelon	41	11	114	40		1	11x	Jan'88			Temp.(max.min.) Rain.
R R	Halleck	40	56	115	30	5229	19	5x	Feb'70			Rain.(Temp.from Nov'77).
M D	Camp Halleck	40	47	115	20	5671	13	7x	Oct'62	Oct'86		T.(max.min.)Wind,Clds.Rain.
R R	Otego	41	09	114	36		9	4x	Oct'77	Aug'87		Temp.(max.min.) Rain.
R R	Tecoma	41	18	114	07	4812	12	5x	Jul'77			do.
R R	Toano	41	07	114	26	5975	19	3x	Feb'70			Rain.(Temp. from Nov'77).
W S	Tuscarora	41	15	116	15	6400	1	5x	Aug'88			Temp.(max.min.) Rain.
R R	Wells	41	07	114	56	5628	19	5x	Feb'70			Rain.(Temp. from Nov'77).

X Record broken.

													WASHOE.
V	S	Lover's Ranche	39	16	119	48	5200	1	5x	Feb'38			Temp.(max.min.) Rain.
V	R	Reno	39	25	119	47	4427	15	5x	Feb'70			Rain (Temp from Nov'77).
V	S	"					4484	1	5x	Feb'88			State University(Bar.T.R.
V	S	Verdi	39	30	119	58	4895	1	8x	Feb'88			Temp.(max.min.) Rain.
V	R	Wadsworth	39	38	119	13	4077	15	0x	Feb'70			Rain (Temp.from Nov'77).
													WEBSOLDT.
W	R	Browns	40	01	118	41	3020	16	8x	Feb'70			Rain (Temp. from Nov'77).
W	R	Golconda	40	37	117	34	4382	11	0x	May'78			Temp.(max.min.) Rain.
W	R	Humboldt	40	38	118	14	4236	15	3x	Feb'70			Rain (Temp. from Nov'77).
W	R	Iron Point	40	36	117	31	4275	1	0x	Feb'70	Apl'78		Rain (Temp. from Nov'77).
W	D	Camp Halleck	41	38	117	46	4700	22	1x	Dec'65	May'89		T. (max.min.)Hvy.Wind, Clds.Rain.
W	D	Camp McCarty	41	30	118	06	5000	2	10x	Nov'63	Nov'85		Temp. Wind & Rain.
W	S	Mill City	40	40	118	06	4200	1	7x	Feb'93			Temp.(max.min.) Rain.
W	D	Camp W. Scott	41	34	117	27		3	7x	Dec'06	Jul'70		Temp. Wind & Rain.
W	R	Winnemucca	40	39	117	43	4098	15	4x	Feb'70			Rain.(Temp. from Nov'77).
W	S	"	40	38	117	22	4340	10	11x	Jul'77			24 Order.Station closed from Jun'85 to Nov'86 inclusive.
W	S	Leonard Creek							3	Oct'80			Temp.(max.min.) Rain.
													ELKO.
W	S	Hunter's Ranche	40	36	115	35		1	5x	Mar'83		T	Hour Rain.
W	R	Carlin	40	43	115	07	4827	15	7x	Feb'70			Rain.(Temp.from Nov'77).
W	R	Cedar Pass	41	08	114	30		7	4x	Mar'70	Apl'78		do.
W	S	Crane's Ranche	40	43	115	48		1	4x	Mar'88		T	
W	R	Elko	40	50	115	46	5065	15	8x	Feb'70			Rain.(Temp.from Nov'77).
W	R	Herdson	41	11	114	40		1	11x	Jun'88			Temp.(max.min.) Rain.
W	S	Halleck	40	36	115	30	5220	15	5x	Feb'70			Rain.(Temp.from Nov'77).
W	T	Camp Halleck	40	47	115	30	5871	15	7x	Oct'02	Oct'88		T. (max.min.)Wind, Clds.Rain.
W	R	Otero	41	09	114	35		9	4x	Oct'77	Aug'87		Temp.(max.min.) Rain.
W	R	Tecoma	41	18	114	07	4812	12	5x	Jul'77			do.
W	R	Tuano	41	07	114	28	5375	15	3x	Feb'70			Rain.(Temp. from Nov'77).
W	S	Tuscarora	41	16	115	15	6300	1	5x	Aug'13			Temp.(max.min.) Rain.
W	R	Wells	41	07	114	58	5028	15	5x	Feb'70			Rain.(Temp. from Nov'77).

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		° ′	° ′							
	LANDER.									
S S	Austin	39 29	117 05		3	1	Sep'77	Sep'80		Sunset station.
	"			6594	1	4x	Feb'88			T.(max.min.) Rain.
R R	Battle Mountain	40 38	116 52	5311	19	6x	Apl'70			Rain, and Temp. from Nov'77.
	EUREKA.									
R R	Beowawe	40 36	116 32	4695	19	6x	Mar'70			do.
V O	Eureka	39 29	115 56	6569		2x	Jan'80	Apl'80		
W S	"				1	9	Apl'88			T.(max.min.) Rain.
R R	Palisade	40 39	116 12	4840	11	8x	Mar'78			T.(max.min.) Rain.
	WHITE PINE.									
W S	Ely	39 10	114 57		1	9x	Feb'88			T.(max.min.)Rain.
S S	Hamilton	39 15	115 28		3	2x	Aug'77	Sep'80		Sunset station(T.Wind.Cld.R.)
M D	Fort Ruby	40 04	115 35	6153	5	3x	Jan'63	Oct'68		Smithson'n.Col. & orig.repc ts.
	CHURCHILL.									
W S	Ferguson's Rch.	39 23	118 48	4000		9	Apl'89			T.(max.min.) Rain.
R R	Hot Springs	39 49	119 02	4072	19	6x	Feb'70			Rain, and Temp. from Nov'77.
W S	St. Clair	39 29	118 51	4000		7x	Apl'89			T.(max.min.)Rain.
	LYON.									
Ft.	Churchill	39 20	119 05	4284	7	5x	Oct'60	Feb'69		Temp.Hyg.Wind,Rain.
M D	" "				7	10x	Oct'60	May'69		Smithsonian Collection.
W S	Dayton	39 13	119 37	4369	1	1x	Feb'88	May'89		Temp.(max.min.)Rain.
W S	Wellington	38 43	119 33	6500	1	0x	Apl'88	May'89		T.(max.min.) Rain.
	STOREY.									
W S	Virginia City	39 18	119 38	6242		8x	Apl'88			T.(max.min.) Rain
	ORMSBY									
V O	Carson City	39 08	119 47	4628	12	10x	Jan'75			Bar.T.(max.min.)Hyg.Wind.Cld.R.
S S	" "				2	1x	Dec'87			2d Order(full obs.except bar.)
	NYE.									
W S	Belmont	38 35	116 54	8092		8	May'89			T.(max.min.) Rain.
W S	Downeyville	38 50	117 48			8	May'89			do.
W S	Youts Ranche	36 43	116 35	2770		3x	Aug'89			Position approximated.
	DOUGLAS.									
W S	Genoa	38 59	119 51	4824	1	7x	Feb'88			T.(max.min.) Rain.

X Record broken.

									LEGGE.
S Austin	39	29	117	03		3	1	Sep'77	Sep'80
"					8394	1	4x	Feb'08	
R Rattle Mountain40		18	116	52	5813	19	6x	Apl'76	
									ESMERA.
S Dunsmuir	40	36	116	32	4603	19	0x	Mar'79	
C Eureka	39	29	115	36	4884		2x	Jan'80	Apl'80
S "						1	9	Apl'08	
R Fallbrook	40	39	116	12	4840	11	8x	Mar'79	
									WHITE PINE.
T Ely	39	10	114	57		1	9x	Feb'08	
S Hamilton	39	15	115	28		3	2x	Apr'77	Sep'80
D Fort Ross	40	04	123	22	8155	5	3x	Jan'81	Oct'08
									CHARCOAL.
S Ferguson's Ranch	39	23	123	42	4000		9	Apl'99	
R Hot Springs	39	42	119	03	4072	19	0x	Feb'79	
S Mt. Clair	39	53	119	31	4000		7x	Apl'99	
									LYON.
S Comstock	39	30	119	05	4294	7	5x	Oct'00	Feb'09
D " "						7	10x	Oct'00	May'09
S Dayton	39	13	119	37	4000	1	1x	Feb'88	May'09
S Washington	38	42	119	35	6000	1	0x	Apl'99	May'09
									DOUGLAS.
S Virginia City	39	18	119	39	6242		8x	Apl'88	
									GALLOWAY.
C Carson City	39	08	119	47	4633	12	10x	Jan'79	
S " "						2	1x	Dec'87	
									INYO.
S Tehama	39	25	119	54	8000		8	May'99	
S Bishopville	38	30	117	48			8	May'99	
S Volk's Ranche	38	43	119	35	4770		3x	Aug'89	
									DOUGLAS.
S Genoa	38	39	119	51	4824	1	7x	Feb'99	

Lake Mountain
Eureka.
Fallbrook
White Pine.
Ely
Hamilton
Fort Ross
Charcoal.
Ferguson's Ranch.
Hot Springs
Mt. Clair
Lyon.
Comstock
Dayton
Washington
Virginia City
Galloway.
Carson City
Inyo.
Tehama
Bishopville
Volk's Ranche
Douglas.
Genoa

Sept'77 Sep'80 Snowst station.
Feb'08 T.(max.min.) Rain.
Apl'76 Rain, and Temp.from Nov'77.
Mar'79 do.
Jan'80 Apl'80 T.(max.min.) Rain.
Apl'08 T.(max.min.) Rain.
Mar'79 T.(max.min.) Rain.
Feb'08 T.(max.min.)Rain.
Sep'80 Snowst station\T.Wind.Cld.%)
Oct'08 Smithson's.Col. & orig.Tyc ts.
Apl'99 T.(max.min.) Rain.
Feb'79 Rain, and Temp.from Nov'77.
Apl'99 T.(max.min.)Rain.
Feb'09 Temp.Hyg.Wind,Rain.
May'09 Smithsonian Collection.
May'09 Temp.(max.min.)Rain.
Apl'99 T.(max.min.) Rain.
Apl'88 T.(max.min.) Rain
Jan'79 Bar.T.(max.min.)Hyg.Wind.Cld.Ir
Dec'87 Ad Order(Will obs.except bar.)
May'99 T.(max.min.) Rain.
May'99 do.
Aug'89 Position approximated
Feb'99 T.(max.min.) Rain.

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		° ′	° ′						
	ESMERALDA.								
W S	Candelaria	38 09	118 06	6180	9	Apl'89			Max. & Min. Temp. & Rain.
R R	Hawthorne	38 33	118 36		5 9x	Jan'84			T. (max.min.) Rain.
W S	Sodaville	38 20	118 10	4730	6x	Jun'89			do.
W S	Gold Mountain	37 16	117 12	6100	3	Oct'89			do.
	LINCOLN.								
W S	Eldorado Canyon	35 45	114 42	900	1 7x	Mar'88			do. Position approximated
S S	Pioche	37 56	114 26	6110	5 10	Aug'77	May'83		3d Order.
W S	"				1 10x	Feb'88			Max. temp. & Rain.
W S	Rioville	36 08	114 18	1065	7x	Jul'88		T	

Fragmentary records of less than a year in length are on file from the Following Stations:

Cherry Creek	White Pine Co.	Lovelocks	Humboldt Co.
Montello	Elko Co.	Punch Bowl	Nye Co.
Pyramid Agency	Washoe Co.	Ruby Hill	Eureka Co.
Rye Patch	Humboldt Co.	Secret Valley	Elko Co.
Star City	Humboldt Co.	Stillwater	Churchill Co.

X Record broken.

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		° ′	° ′						
	COOS								
W S	Berlin Falls	44 27	71 10		1 8x	Feb'83		R	Temp.
V O	Berlin Mills	44 13	71 09	1011	4 0	Jan'86			Temp.rain.clds.wind.
V O	Mt.Washington	44 13	71 13	6289	0 11x	Jun'53	Apl'70		Sm.Col.temp.rain.
S S	"				17 5x	Dec'70			Full observations In '88&'89 Station open June & Sept.only
V O	Shelburne	44 23	71 03	740	7 11x	Dec'53	Nov'73		Sm.Col.temp.rain.
V O	"				3 5	Dec'73	Apl'77		Temp.wind.rain.clds.
W S	"				1 10x	May 83	Mar'83		Temp.rain.
V O	Stratford	44 40	71 39	1000	17 4x	Aug'55	Dec'73		Sm.Col.temp.rain.
W S	"				3 3	Jul'83			Temp.rain.
W S	West Milan	44 35	71 13	996	3 4x	Aug'83			Temp.rain.
V O	Whitefield	44 20	71 15	1332	4 1	Jun'39	Jun'73		Sm.Col.temp.rain.
V O	"				1 10	Jan'74	Sep'75		Temp.wind.clds.rain.bar.
	GRAFTON								
V O	Ashland	43 40	71 38		11 3x	Jul'73	Jul'83		Temp.rain.
V O	Bristol	43 35	71 45	555	13 2x	Jul'73		T	Rain.
V O	Grafton	43 32	71 55	917	5 11x	Sep'79	Mar'83		Temp.wind.clds.rain.bar.
V O	Hanover	43 42	72 49	545	33 1x	Nov'27	Dec'73		Sm.Col.temp.rain.
V O	"				13 0	Jan'74			Temp.wind.clds.rain.
V O	Littleton	44 20	71 49	875	2 2	Mar'63	Apl'64		Sm.Col.temp.rain.
W S	"				1 1x	Apl'85	Jun'86		Temp.rain.
W S	Plymouth	43 44	71 42	473	2 3	Oct'87			Temp.rain.
W S	Quincy	43 46	71 45		1 5	May 83	Sep'87		Temp.rain.
V O	West Enfield	43 38	72 07	738	2 5x	Sep'53	Dec'58		Sm.Col.temp.rain.
V O	Woodstock	43 57	71 41	749	7 2x	Jan'80	Dec'87	T	Rain.
	CARROLL								
W S	North Conway	44 03	71 07	513	2 1x	Oct'87			Temp.rain.
V O	Tamworth	43 51	71 19	450	4 0x	Feb'37	Aug'73		Sm.Col.temp.rain.
V O	Wakefield	43 34	71 07	690	5 0	Jan'43	Dec'50	R	Sm.Col.Temp.monthly averages
V O	Wolfborough	43 35	71 12	574	13 1x	Jul'73		T	Rain.
	SULLIVAN								
V O	Claremont	43 30	72 30	536	9 10x	Jan'57	Feb'69		Sm.Col.temp.rain.
V O	"				0 2x	Jan'77	Feb'77		Temp.wind.clds.rain.
V O	Hill Village (Goshen)	43 17	72 05		1 4x	Jul'77	Sep'78		Temp.rain.

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	MERRIMACK	° ′	° ′						
V O	Concord	43 12	71 32	202	34 11x	Jan'28	Dec'73		Sm.Col.temp.rain.
V O	"				15 11x	Jan'74			Temp.rain.hum.wind.clds.bar.
V O	Contoocookville	43 15	71 42	450	2 2x	Nov'70	Dec'72		Sm.Col.temp.rain.
V O	"				11 3x	Jan'73	Dec'85		Temp.wind.clds.rain.
V O	Dunbarton	43 06	71 35	750	5 9	Mar'68	Nov'73		Temp.rain.
V O	"			350	3 7x	Dec'73	Jul'80		Temp.wind.clds.rain.
	East Canterbury					See Shaker Village			
V O	London Ridge	43 20	71 25	475	1 0x	Jan'32	Feb'33		Sm.Col.temp.rain.
V O	North Sutton	43 20	71 56		0 11x	Feb'89			Temp.rain.
V O	Salisbury	43 23	71 45		1 0x	Feb'32	Oct'70		Sm.Col.temp.rain.
V O	Shaker Village	43 20	71 29		1 3	Oct'33			Temp.rain.
	BELKNAP								
V O	Burnstead	43 22	71 15	527	5 3x	Mar'50	Oct'39	T	Sm.Col.Rain.
V O	Belmont	43 23	71 30		12 11x	Jan'70			Temp.rain.
V O	Laconia	43 32	71 30		4 0x	Jan'57	Dec'63	T	Sm.Col.Rain.
V O	Lake Village	43 32	71 28		4 0x	Jan'57	Dec'63	T	Sm.Col.Rain.
V O	"				13 1x	Jul'73		T	Rain.
V O	North Burnstead	43 22	71 15	527	8 3x	Feb'60	Oct'69	R	Temp.
V O	Weirs Bridge	43 35	71 29		13 1x	Jul'73		T	Rain.
	STRAFFORD								
V O	Dover	43 13	70 54	150	11 10x	Jan'33	Jan'57		Sm.Col.temp.rain.
W S	"				1 7x	Mar'83	Dec'87	R	Temp.
V O	Great Falls	43 15	70 55	230	1 9x	Mar'53	Jan'57		Sm.Col.temp.rain.
V O	Salmon Falls	43 11	70 53	107	1 3	Oct'53	Mar'55		Sm.Col.temp.rain.
	CHESHIRE								
W S	Chesterfield	42 55	72 33		1 3x	Apl'83	Dec'89		Temp.rain.
V O	Dublin	42 54	72 03	1869	4 3	'49	'53	R	Sm.Col.Temp.monthly averages
W S	Walpole	43 05	72 25	217	4 3	May 85			Temp.rain.
	HILLSBOROUGH								
V O	Antrim	43 02	71 55		10 3	Jul'72	Feb'73	T	Sm.Col.Rain
V O	"				10 3x	Oct'78			Temp.rain.
V O	Francestown	42 59	71 48		1 11x	Mar'53	May 69		Sm.Col.temp.rain.
V O	Manchester	42 58	71 23	247	14 11x	Jan'55	Dec'61		Sm.Col.temp.rain.
W S	"				5 2	Nov'84			Temp.rain.
W S	Pine Falls				2 4	Sep'87			Temp.rain.
W S	Nashua	42 46	71 29	120	4 4	Sep'85			Temp.wind.clds.rain.hum.Bar

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		° ′	° ′						
	HILLSBOROUGH Con-								
W S	Pennichuck Station				2 4	Sep'87		T	Rain.
	ROCKINGHAM								
V O	Auburn	42 53	71 27	332	12 4x	Jun'74	Jan'83		Temp.wind.clds.rain.bar.(Dec. '81 and Jan'82 from Massabesic.)
M D	Fort Constitution	43 04	70 42	40	25 5x	Jan'22	Sep'53		Temp.rain.
V O	Epping	43 03	71 05	154	2 0	Jan'33	Dec'34	R	Sm.Col.Temp.annual means
V O	Exeter	42 59	71 00	125	5 11x	Jan'54	May 35	R	Sm.Col.temp.
V O	Londonderry	42 53	71 20	300	8 11x	Mar'49	Dec'57		Sm.Col.temp.rain.
	Massabesic	see Auburn							
V O	New Market	43 02	70 56	80	1 5x	Feb'82	Nov'83		Temp.wind.clds.rain.hum.bar.
W S	Newton	42 51	71 01	123	0 9	Jul'89			Temp.rain.
V O	Plaistow	42 50	71 05	96	3 11x	Jan'74	Jun'77	T	Wind.clds.rain.
V O	Portsmouth	43 05	70 46		14 4x	Feb'03	Jul'38		Sm.Col.temp.rain.

List of Stations having less than one year's record and which are now not in operation.

Station	County
Gorham	Coos
Bethlehem	Grafton
Mt.Moosilauke	Grafton
Newfound Lake	Grafton
North Littleton	Grafton
Charlestown	Sullivan
Warner	Merrimack
Meredith Centre	Belknap
Farmington	Strafford
Keene	Cheshire
Amoskeag	Hillsborough
Mason	Hillsborough

X Record broken.

[illegible]

[illegible] of [illegible] Value Loss [illegible] [illegible]'s [illegible] [illegible] [illegible] [illegible] [illegible]

Station	County
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

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		° ′	° ′						
	SUSSEX								
V O	Newton	41 04	74 45	420	11x	Jan'43	Jul'69		Sm.Col.Temp.rain.
V O	"				1		Dec'73		Temp(max-min)hyg.wind.rain.
W S	"				8 2x	Jul'78	Dec'87		Bar.temp(max-min)wind.dir.rain
	PASSAIC								
V O	Paterson	40 56	74 10	60	7 0x	Nov'63	Apl'71		Sm.Col.Temp.rain.
V O	"				7 10	Mar'75	Dec'87		Temp.wind.rain.
W S	"				1 6	Jan'83	Jun'89		Temp(max-min).rain.
	BERGEN								
W S	Tenafly	40 55	73 57		2 11x	Jan'87			Temp(max-min).rain.
	WARREN								
S S	Belvidere	40 50	75 05	271	2 4x	Jan'79	Aug'84		Bar.temp.hyg.wind.rain. (Sunset Station)
V O	"				1	Sep'84			Temp.wind.clds.rain.
V O	Phillipsburg	40 42	75 13	160	4 11x	Jul'80	Aug'86		Temp.rain.
W S	"				1		Nov'86		Temp.rain.
	MORRIS								
V O	Dodge Mine	41 01	74 34	1100	1 7	Jan'80	Jul'81		Temp.rain.
V O	Dover	40 54	74 34	619	2 4	Oct'66	Jan'69		Sm.Col.Temp.rain.
V O	"			580	3 0	Jan'85	Dec'87		Bar.temp(max-min)hyg.wind.rain.
W S	Gillette	40 41	74 27		3 0	Jan'87			Temp(max-min).rain.
W S	Hanover	40 48	74 22		2 10	Mar'87			Temp(max-min).rain.
V O	Madison	40 46	74 25	300	3	Jan'74	Mar'74		Temp.wind.clds.rain.
W S	"					Sep'88			Temp(max-min).rain.
	ESSEX								
V O	Bloomfield	40 48	74 12	120	10 10x	Mar'49	Dec'62		Sm.Col.Temp.rain.
W S	Belleville	40 47	74 18	26	3	Oct'89		T	Rain.
V O	Caldwell	40 50	74 16	415	1 7	Feb'83	Aug'84	T	Wind.direc.rain.
V O	Newark	40 45	74 10	35	30 7	May 43	Dec'73		Sm.Col.Temp.rain.
V O	"				5 5x	Jan'74	Apl'84		Bar.Temp(max-min)wind.rain.
V O	"				12 10	Jan'74	Oct'86		Table of temp.& rain.
W S	"				3 2	Nov'83			Temp(max-min).rain.
V O	Orange	40 46	74 16	187	2 0	Jan'72	Dec'73		Sm.Col.Temp.rain.
V O	"				1 0	Jan'74	Dec'74		Temp.wind.dir.rain.
V O	Roseland	40 49	74 18		1 6	May 86	Oct'87	T	Rain.

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		°	′	°	′							
[illegible]	[illegible]	40	45	74	15	200	3	0	Apl'54	Mar'57	R	Temp.(Smith.contrib.to knowledge)
V O	"						3	1x	Sep'70	Nov'73		Sm.Col.Temp.rain.
V O	"						16	1	Dec'73			Temp(max-min)wind.clds.rain.
	HUDSON											
V O	Jersey City	40	43	74	01	55	3	0	Jan'71	Dec'73		Sm.Col.Temp.rain.
V O	"						4	0x	Jan'74			Bar.temp(max-min)hyg.wind.clds rain.
	HUNTERDON											
S S	Flemington	40	31	74	51	76	4	4x	Dec'73	Oct'83		Bar.temp.hyg.wind.clds.rain. (Sunset Station)
W S	Junction	40	43	74	56			2	Nov'89		T	Rain.
V O	Lambertville	40	23	74	57	72	5	0	1838	1842	T	Sm.Col.Annual rain
V O	"						18	4x	Apl'43	Dec'73		Sm.Col.Temp.rain.
V O								1	Jan'74			Temp.wind.clds.rain.
W S							2	11	Feb'87			Temp(max-min).rain
W S	Lockhown	40	29	74	58		3	0	Jan'87			Temp(max-min).rain.
V O	New Germantown	40	41	74	45	320	5	1	Nov'68	Nov'73		Temp.rain.
V O	"						2	7x	Jan'74	Aug'86		Bar.temp.wind.clds.rain.
V O	Readington	40	35	74	45		2	9x	Jan'69	Nov'73		Temp.rain. Sm. Col.
V O	"						7	6x	Jan'74			Temp.rain.
V O	Sergeantsville	40	29	75	03		1	3	Jan'57	Mar'58		Temp.rain.(Sand Lrook) Sm. Col
	SOMERSET											
V O	Branchburg Township	40	35	74	43			5	Nov'66	Mar'67		Temp.rain. Sm Col.
V O	"						1	6x	Aug'75	Jun'82		Temp.rain.
V O	Burnt Mills	40	38	74	38		1	11x	Jan'74	Jun'76	R	Temp.
V O	Finderne	40	35	74	35	30	2	1x	Sep'78	Aug'81		Bar.temp.wind.clds.rain.
S S	Somerville	40	34	74	36	80		8x	Dec'73	Dec'79		Bar.temp.hyg.wind.rain. (Sunset Station)
W S	"						2	5	Dec'83	Apl'89		Temp(max-min).rain.
V O	"						5	4	Sep'80	Dec'85		Bar.temp(max-min)wind.clds. rain.
	UNION											
S S	Elizabeth	40	39	74	13	29	3	0	Dec'78	Nov'81		Bar.temp.hyg.wind.rain. (Sunset Station)
W S	"						1	5	Jan'87	May 88		Temp(max-min).rain.
V O	Linden	40	38	74	15	40	4	6	Nov'76	Apl'81		Bar.temp.wind.clds.rain.

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	UNION Con-	° ′	° ′							
S S	Linden	40 33	74 15	40	[illegible]	1	[illegible]	Sep'81		Bar.temp.hyg.wind.clds.rain.
W S	Plainfield	40 33	74 24	145	1	5	Aug'83			Temp.(max-min).rain.
W S	Union	40 41	74 16	143	3	1	Dec'83			Temp(max-min).rain.
	MIDDLESEX									
W S	Highland Park	40 30	74 27		1	7	Jun'83			Temp(max-min).rain.
V O	New Brunswick	40 30	74 27	90	6	8x	Jan'63	May 70		Sm.Col.Temp.rain.
V O	"				32	10	Jan'54	Oct'83		Temp.rain(data book)
V O	"				7	5	Jan'73	May 83		Temp.wind.rain.
W S	"				7	2	Dec'81			Temp(max-min).rain.
S S	"				2	10x	Dec'78			Full observations.
	MERCER									
W S	Hopewell	40 23	74 45		1	10	Mar'88			Temp(max-min).rain.
V O	Princeton	40 21	74 39	213	4	11x	Apl'78	May 88		Bar.temp(max-min).wind.rain.
W S	"				2	3x	Nov'83			Temp(max-min).rain.
V O	Trenton	40 14	74 45	60	14	2x	Jan'40	Nov'73		Sm.Col.Temp.rain.
V O	"				7	2x	Dec'73	Feb'81		Bar.temp.wind.clds.rain.
W S	"				2	4	Sep'87			Temp(max-min).rain.
	MONMOUTH									
W S	Asbury Park	40 12	74 00		1	0	Jan'89			Temp(max-min).rain.
W S	Allaire	40 08	74 06			11	Feb'89			Temp(max-min).rain.
V O	Freehold	40 15	74 15	168	5	2	Jan'57	Feb'62	R	Sm.Col.Temp.
V O	"	40 15	74 16	200	9	9	Feb'74	Oct'83		Bar.temp.hyg.wind.clds.rain.
S S	"				5	1	Feb'73	Feb'83		Temp.hyg.wind.clds.rain. (Sunset Station).
W S	"				2	0	Jan'83			Temp(max-min).rain.
W S	Imlaystown	40 10	74 30		3	1	Dec'83			Temp(max-min).rain.
S S	Little Egg Harbor	39 30	74 17		3	9	Apl'82	Dec'85		Temp(max-min).wind.dir.rain.
V O	Long Branch	40 18	73 59	29		2	Nov'61	Dec'61		Sm.Col.Temp.rain.
S S	"				2	7	Dec'73	Jun'76		Full observations.
V O	Middletown	40 24	74 07	50	3	2x	Jun'31	Mar'49		Sm.Col.Rain.average temp.
V O	"				3	3	Jul'79	Dec'82	R	Temp.(data book)
W S	Matawan	40 24	74 14	43	1	0	Jan'87	Dec'87		Temp(max-min).rain.
V O	Ocean Grove	40 12	74 01		1	2x	Jul'74	Mar'76	R	Temp.
W S	Oceanic	40 21	74 00		2	11	Feb'87			Temp(max-min).rain.
S S	Sandy Hook	40 28	74 00	28	13	0	Dec'73	Nov'83		Full observations.

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	BURLINGTON	° ′	° ′							
V O	Beverly	40 03	74 59	30	4	3	Jul'85			Bar.temp(max-min).hyg.wind. rain.
V O	Bordentown	40 30	74 43	30		10x	Sep'82	Aug'83		Bar.temp.hyg.wind.clds.rain.
W S	"				1	3	Dec'83	Jul'88		Temp(max-min).rain.
V O	Burlington	40 04	75 10	30	8	3x	Jan'54	Mar'68		Sm.Col.Temp.rain.
V O	Chester	40 00	74 57		10	0x	May 83	Oct'73		Sm.Col.Temp.rain.
V O	Rancocas	40 00	74 52		3	0	1883	1885		Average temp.& rain.
W S	"				3	2	Nov'83			Temp(max-min).rain.
V O	Moorestown	39 58	75 02	104		7x	Jul'49	Jun'59	R	Sm.Col.Temp.
V O	"				13	0	Jan'74			Temp.hyg.wind.clds.rain.
V O	Mount Holly	39 59	74 48	30	7	3	Jan'31	Mar'68		Sm.Col.Temp.rain.
V O	"				2	1x	Jan'74	Jun'76		Bar.temp.wind.clds.rain.
W S	Cinnaminson	39 59	74 59		2	0	1883	1884	T	Annual rain.
W S	"				1	0	Jan'85	Dec'85	T	Rain.
	OCEAN									
S S	Barnegat City	39 46	74 06	22	12	1	Dec'73	Dec'85		Full observations.
S S	Squan Beach	40 03	74 03		2	2	Dec'73	Jan'76		Full observations.
W S	Tom's River	39 57	74 11		2	2	Sep'87	Oct'89		Temp.(max-min).rain.
	CAMDEN									
V O	Atco	39 46	74 53	130	2	1	Nov'71	Nov'73		Sm.Col.Temp.rain.
V O	"				8	10	Dec'73	Sep'82		Bar.temp.hyg.wind.clds.rain.
V O	Cole's Landing	39 54	75 00		1	0	Jan'64	Dec'64		Temp.rain.
V O	Haddonfield	39 53	75 02	72	7	0	Jan'64	Dec'70		Sm.Col.Temp.rain.
	GLOUCESTER									
W S	Billingsport Lt.House	39 50	75 15		3	1	Dec'83		R	Temp(max-min)
V O	Clayton	39 40	75 05	123	3	3	Oct'85	Mar'89		Temp(max-min),hyg.wind.rain.
V O	Newfield	39 31	75 02	125	2	8x	Nov'67	Jul'70	R	Sm.Col.Temp.
V O	Woodbury	39 50	75 09	34		10	Mar'89			Temp(max-min).rain.
	SALEM									
V O	Allowystown	39 33	75 20		2	1	Nov'71	Nov'73		Sm.Col.Temp.rain.
V O	Salem	39 35	75 23		3	2x	Dec'73	Jan'88		Bar.temp.wind.clds.rain.
W S	"				2	9x	Apl'84	Mar'88		Temp.(max,min).rain.
	ATLANTIC									
S S	Atlantic City	39 22	74 25	53	16	1	Dec'73			Full observations.
V O	"				1	6x	Jul'77	Feb'32	R	Temp.wind.clds.
V O	Egg Harbor City	39 30	74 37	70	3	10	Mar'86			Bar.temp(max-min).hyg.wind. rain.

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Number and class.	County and station.	Latitude.	Longitude.	Elevation above sea-level.	Record. Length.		From—	To—inclusive.	T. or R. missing.	Remarks.
	ATLANTIC Con-	° ′	° ′							
V O	Elmwood	39 34	74 42		1	1x	Nov'67	Dec'68	R	Sm.Col.Temp.
	CUMBERLAND									
V O	Bridgeton	39 26	75 14		1	0	Jan'87	Dec'87		Temp.rain
W S	"						Apl'88			Temp(max-min).rain.
V O	Greenwich	39 24	75 20	30	9	2	Jan'64	Feb'73		Sm.Col.Temp.rain.
V O	Vineland	39 29	75 01	119	6	4	Aug'67	Nov'73		Sm.Col.Temp.rain.
V O	"				15	3	Dec'73	Feb'89		Bar.temp(max-min)hyg.wind. clds.rain.
	CAPE MAY									
S S	Cape May	38 56	74 58	27	14	5	Jun'71	Oct'85		Full observations.
W S	"				1	6	Jul'88			Temp(max-min).rain.
W S	Ocean City	39 17	74 34		3	0	Jan'87			Temp(max-min).rain.
S S	Peck's Beach	39 11	74 41	20	2	3	Dec'73	Feb'76		Full observations.
V O	Rio Grande	39 16	74 42	13	4	5x	Apl'68	Mar'73		Sm.Col.Temp.rain.
V O	"					11x	Dec'74	Nov'75		Temp.wind.clds.rain.
V O	Seaville	39 11	74 45	18	2	2x	Jan'65	Apl'63		Sm.Col.Temp.rain.

List of Stations having less than one year's record and which are not now in operation.

Station	County	Station	County
Blairstown	Warren	Camden	Camden
Dekerstown	Sussex	East Orange	Essex
Highlands of Navesink	Monmouth	Harmony Plains	Somerset
Hightstown	Mercer	Jamesburg	Middlesex
Lakewood	Ocean	Lesser Cross Roads	Somerset
Mechanicsville	Hunterdon	New Lisbon	Burlington
New Stone	Hunterdon	Pennington	Mercer
Pequanac	Morris	Pleasant Run	Hunterdon
Royceefield(near)	Somerset	Red Bank	Monmouth
Schooley's Mountain	Morris	South Amboy	Middlesex
Upper Montclair	Essex	Valley	Hunterdon
Woodstown	Salem		

X Record broken.

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	TAOS.	° ′	° ′						
V O	Camp Burgwin	36 30	105 40	7900	5 11x	May'50	May'60		Smithsonian Collection
M D	Fort Lowell	36 32	106 56	6500	9	Aug'68	Apl'69		Temp. Hyg. Wind & Rain.
V O	Taos				5	Aug'89		T	Geol. Survey station
V O	Tres Piedras				5	Aug'89		T	" " "
	COLFAX.								
S S	Springer	36 22	104 33	2	5	Aug'87		T	Rainfall station.
	RIO ARRIBA.								
V O	Chama				3	Oct'89			T.(max.min.) & Rain.
V O	El Rito				4	Sep'89		T	Geol. Survey station.
V O	Embudo				3	Jan'89	Mar'89		Temp. & Rain.
V O	"				5	Aug'89		T	Geol. Survey Station.
V O	Jaquez				5	Aug'89		T	" " "
V O	Monero				5	Aug'89		T	" " "
	MORA.								
V O	Fort Union	35 54	104 57	6750 21	3x	Aug'51	Dec'74		Smithsonian Collection.
M D	"			27	7x	Jan'60			Bar. Temp.(max.min.) Hyg. Wind Clouds & Rain.
	SAN MIGUEL.								
M D	Fort Bascom	35 23	103 27	4000	3 10x	Feb'64	Oct'70		Temp. Hyg. Wind & Rain.
V O	Gallinas Spgs.	35 14	104 48		4 10	Mar'85			T.(max.min.) Wind & Rain.
V O	Las Vegas	35 35	105 13	6418	1 7	Jan'50	Jul'51		Smithsonian Collection.
V O	" "	35 36	105 12		3 4x	Mar'75			T.(max.min.)Hyg.Wind.Clds.Rain
V O	Puerto de Luna	34 45	104 42		2 7	Mar'84	Sep'86		Temp. Wind & Rain.
M D	Fort Sumner	34 19	104 09		5 0x	Apl'64	Jul'69		Temp. Hyg. Wind & Rain.
	BERNALILLO.								
M D	Albuquerque	35 06	106 40	5032	5 8x	Jan'60	Jul'67		Temp. Hyg. Wind & Rain.
S S	"	35 02	106 40	5026	9x	Oct'78	Oct'79	T	Telg. & Repair station.
S S	"				1	Mar'81	Mar'81		3d Order
V O	"				11x	May'88			T.(max.min.) Rain.
V O	"			14	8x	Sep'49	Jul'67		Smithsonian Collection.
V O	Cebolleta	35 20	107 20	6200	2 1	Dec'49	Dec'51		Smithsonian Collection.
V O	Coolidge			1	8	May'88			Max.& Min. temp. & Rain.

X Record broken.

T A O S.

[illegible]	2r	80	108	40	7002	8	11x	Jan'00	May'00		Southbound Collection
Fort Lowell	16	78	104	50	6000		9	Apr'68	Aug'69		Temp. Hyg. Wind & Rain.
Tau							6	Aug'99		T	Geol. Survey station
Tres Piedras							4	Aug'09		T	" " "
COLFAX.											
Gardner	15	22	104	22		2	3	Aug'07		T	Rainfall station.
LOS ANGELES.											
[illegible]							3	Oct'07			T.(max.min.) & Rain.
El Rio							4	Sep'22		T	Geol. Survey station.
[illegible]							3	Jan'99	Mar'99		Temp. & Rain.
"							5	Aug'08		T	Geol. Survey Station.
[illegible]							5	Aug'08		T	" " "
[illegible]							5	Aug'80		T	" " "
MEDIA.											
[illegible] Union	24	84	104	07	8700	21	8x	Aug'81	Dec'94		Southbound Collection.
"						27	7x	Jan'60			Rar. Temp.(max.min.) Hyg. Wind Clouds & Rain.
SAN JUDEN.											
[illegible]	14	08	108	27	4000	3	10x	Jan'84	Oct'70		Temp. Hyg. Wind & Rain.
[illegible]	12	14	104	18		4	10	Mar'86			T.(max.min.) Wind & Rain.
[illegible] Vegas	22	28	108	12	6412	1	7	Jan'80	Jul'81		Southbound Collection.
" "	22	26	108	12		3	4x	Mar'78			T.(max.min.) Hyg. Wind. Cloud. Rain
[illegible] in Luna	24	22	104	42		2	7	Mar'84	Sep'85		Temp. Wind & Rain.
[illegible] Station	24	12	104	00		5	0x	Apr'64	Jul'89		Temp. Hyg. Wind & Rain.
MEDUALIZO.											
Albuquerque	12	06	108	40	5020	5	8x	Jan'80	Jul'87		Temp. Hyg. Wind & Rain.
"	22	02	108	40	5000		9x	Oct'78	Oct'79	T	Trlk. & Repair station.
"							1	Mar'81	Mar'81		Jd Order
"							11x	May'02			T.(max.min.) Rain.
"						14	8x	Sep'48	Jul'87		Southbound Collection.
Cassilis	25	30	107	30	8500	2	1	Dec'48	Dec'81		Southbound Collection.
Cassidy						1	8	May'82			Max.& Min. Temp. & Rain.

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	BERNALILLO.	° ′	° ′							
M D	Fort Lyon	35 30	108 40	8000	1	1x	Oct'60	Nov'61		(Ft.Fauntleroy)T.Hyg.Wind,Rain
V O	Wallace	35 33	106 18			5	Aug'89		T	Geol. Survey station
	SANTA FE.									
V O	Santa Fe	35 42	106 01	6846	20	7x	Jan'49	Jul'73		(Ft.Marcy)Smithsonian Col.
M D	" "				11	11x	Jan'60			" " (T.(max.min.)Hyg.Wind,R
S S	" "	35 41	105 57	7026	16	7x	Dec'71			2d Order(closed Jun'83 to Dec'
V O	Pojuaque	35 51	105 56			4	Sep'89		T	Geol. Survey station.
	VALENCIA.									
V O	Antelope Spgs.	34 47	105 45			5	Aug'89		T	Geol. Survey station.
V O	Los Lunas	34 49	106 45			9	Apl'89			Temp.(max.min.) Rain.
M D	Los Pinos	34 50	106 40	5000	2	8x	Jan'63	May'66		Temp. Hyg. Wind, & Rain.
M D	Fort Wingate	35 28	108 32	6822	9	4x	Dec'64	Dec'74		Smithsonian Collection.
M D	" "				26	2x	Nov'62			T.(max.min.)Hyg. Wind,Clds.R.
	SOCORRO.									
M D	Fort Conrad	33 47	106 48	4576	3	9	Oct'51	Jun'55		Temp.to Mar'54 after which obs. taken at Fort Craig, 8 miles south. Smithsonian Collection.
M D	Fort Craig	33 53	107 01	4619	5	9	Apl'54	Dec'59		Smithsonian Collection.
M D	" "				15	0x	Jan'60	Jul'78		T.(max.min.) Wind, Clds. Rain.
S S	" "	33 29	107 02	4622	1	3x	Jun'77	Jun'79		2d Order
S S	" "				1	0x	Feb'81	Dec'84		3d Order.
S S	Lava	33 33	106 59		6	0	Jan'85			3d Order.
V O	Estalena Spgs.					5	Aug'89		T	Geol. Survey station.
V O	Magdalena	34 00	107 09			5	Aug'89		T	do.
V O	Red Canon	33 43	106 12			7	Jun'89		R	Maximum & minimum temp.
V O	San Marcial	33 41	106 58			3x	Aug'89		T	Geol. Survey station.
V O	San Marcial(near)					3x	Aug'89		T	do.
M D	Fort McRae	33 02	107 05	4500	5	6x	Mar'64	Dec'74		Smithsonian Collection.
M D	" "				6	2x	Feb'64	Jan'76		T.(max.min.) Wind & Rain.
M D	Socorro	34 08	106 55	45 60	1	9	Nov'49	Aug'51		Smithsonian Collection.
S S	"	34 05	106 55	4565	1	11	Jul'79	May'81		2d Order.
M D	Ft. Tulerosa	33 57	108 15		1	7	May'73	Nov'74		T.(max.min.) Wind Clds, Rain.

X Record broken.

													ISERNALILLO.
D	Fort Lyon	38	30	108	40	8000	1	1x	Oct'30	Nov'81			
O	Wallace	38	42	103	18			5	Aug'89		T	Good. Survey station.	
													SANTA FE.
O	Santa Fe	38	42	106	01	2046	20	7x	Jan'49	Jul'72		(Ft.Marcy)Smithsonian Col.	
D	" "							11	11x	Jan'90		" " (T.(max.min.)Hyg.Wind,R	
S	" "	35	41	106	37	7023	18	7x	Nov'71			24 Order(closed Jun'82 to Dec'	
O	Pojuaque	35	51	106	55			4	Sep'38		T	Good. Survey station.	
													VALENCIA.
O	Antelope Spgs.	34	47	106	43			3	Aug'32		T	Good. Survey station.	
O	Los Lunas	34	49	106	46			9	Apl'80			Temp.(max.min.) Rain.	
D	Los Pinos	34	50	106	40	5000	2	8x	Jan'05	Mar'86		Temp. Hyg. Wind, & Rain.	
D	Fort Wingate	35	32	108	32	6920	9	4x	Dec'66	Dec'74		Smithsonian Collection.	
P	" "						36	3x	Jun'04			T.(max.min.)Hyg. Wind,Clds.R.	
													SOCORRO.
D	Fort Conrad	33	47	106	42	4374	3	9	Oct'81	Jun'32		Temp.to Jan'04 after which obs	
												taken at Fort Craig, 3 miles	
												south. Smithsonian Collection.	
D	Fort Craig	33	38	107	01	4413	8	9	Apl'54	Dec'59		Smithsonian Collection.	
D	" "						15	0x	Jan'20	Jul'78		T.(max.min.) Wind, Clds. Rain.	
S	" "	33	39	107	02	4222	1	1x	Jun'77	Jun'79		24 Order	
C	" "						1	0x	Feb'81	Dec'84		24 Order.	
S	Lava	35	23	106	39		8	0	Jan'85			24 Order.	
[illegible]	Estancia Spgs.							5	Aug'89		T	Good. Survey station.	
[illegible]	Mesdalena	34	00	107	08			5	Aug'89		T	do.	
O	Red Canon	35	45	106	12			7	Jun'89		R	Maximum & minimum temp.	
C	San Marcial	33	41	106	38			3x	Aug'89		T	Good. Survey station.	
O	San Marcial(Ment)							3x	Apr'89		T	do.	
S	Fort Wingate	35	02	107	08	4400	5	6x	Jan'94	Dec'74		Smithsonian Collection.	
D	" "						6	2x	Feb'84	Jan'78		T.(max.min.) Wind & Rain.	
D	Zuarez	34	08	106	55	45	30 1	9	Nov'49	Aug'81		Smithsonian Collection.	
[illegible]	"	34	05	106	55	4653	1	11	Jul'79	May'81		24 Order.	
D	Ft. Thorn	32	57	106	15		1	7	May'73	Nov'74		T.(max.min.) Wind Clds, Rain.	

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		° ′	° ′						
	LINCOLN.								
V O	Nogal				6x	Jun'89		T	
V O	Roswell(near)				3	Oct'89			T.(max.min.) Rain.
V O	Fort Stanton	33 29	105 31	6150	11 10x	Aug'55	Oct'72		Smithsonian Collection.
M D	" "			7500	8 9x	Jan'60			Bar.T.(max.min.)Hyg.Wind,Rain.
S S	" "	30 30	105 26	6154	1 10	Jan'84	Oct'85		3d Order.
S S	" "				4 2	Nov'85			2d Order.
	SIERRA.								
V O	Hillsborough				7	Jun'89			T.(max.min.) & Rain.
	DONA ANA.								
V O	Fort Fillmore	32 13	106 42	3837	8 3x	Sep'51	Dec'59		Smithsonian Collection.
M D	" "				1 5	Jan'60	May'61		Temp. Hyg. Wind & Rain.
S S	La Mesilla	32 17	106 48		5 0	Aug'77	Jul'82		2d Order.
V O	La Luz				2	Nov'89			T.(max.min.) & Rain.
V O	Fort Selden	32 27	106 55	4250	8 8x	Nov'65	Dec'74		Smithsonian Collection.
M D	" "				14 8x	Dec'65			T.(max.min.)Hyg.Wind & Rain.
V O	Fort Thorn	32 40	107 10	4500	5 0x	Jan'54	Jan'59		Smithsonian Collection.
	GRANT.								
M D	Fort Bayard	32 47	108 09	6022	14 8x	Feb'67			T.(max.min.) Hyg. Wind & Rain.
S S	" "	32 46	108 17	6000	8	Aug'77	Apl'78		2d Order.
S S	" "				2 7x	Feb'81	Oct'83		3d Order(Wind from Jan'82 and Rain from July,1883.
M D	Fort Cummings	32 27	107 40	4750	4 2x	Mar'69	Jul'73		T. Hyg. Wind & Rain.
V O	" "				4 5	Mar'69	Jul'73		Smithsonian Collection.
S S	" "	32 18	107 32		1	Feb'81	Feb'81		3d Order.
R R	Deming	32 18	107 48		6 8x	Nov'81			Max. & Min. Temp. & Rain.
R R	Lordsburg	32 20	108 40		7 2	Nov'81			do.
S S	Silver City	32 46	108 14	5896	4 11	May'73	Mar'83		2d Order.
V O	Fort Webster	32 48	108 04	6350	1 11	Feb'52	Dec'53		Smithsonian Collection.

X Record broken.

| | | |

Fragmentary records of less than a year in length are on file from the Following Stations:

N E W M E X I C O .

Station	County	Station	County
Abique	Rio Arriba	Belen	Valencia
Fort Bennet	?	Bernalillo	Bernalillo
Fort Breckenridge	?	Cabejon	Bernalillo
Fort Canby	Bernalillo	Canon de Chama	?
Camp Cimarron	Colfax	Clayton	Colfax
Cuba	Bernalillo	Dona Ana	Dona Ana
Eddy	Lincoln	Fort Floyd	?
Good Hope	?	Laguna	Valencia
La Polvadero	Rio Arriba	Laury	?
Fort Mc Lane	?	Ojo Caliente	Taos
Camp Plummer	Rio Arriba	Rayado	Colfax
Rio Hondo	?	Camp Rio Mimbres	Grant
San Pedro	Santa Fe	Shakespeare	Grant
Spaders	Bernalillo	Fort West	?

Fragmentary records of less than a year in length are on file from the

following stations:

N E W M E X I C O.

Station	County	Station	County
Abiquiu	Rio Arriba	Salem	Valencia
Fort Bennet	?	Bernalillo	Bernalillo
Fort Breckenridge	?	Galisjon	Bernalillo
Fort Canby	Bernalillo	Canon de Chama	?
Camp Cimarron	Colfax	Clayton	Colfax
Cuba	Bernalillo	Doña Ana	Doña Ana
Eddy	Lincoln	Fort Floyd	?
Good Hope	?	Laguna	Valencia
La Polvadero	Rio Arriba	Lamy	?
Fort Me Lane	?	Ojo Caliente	Taos
Camp Plummer	Rio Arriba	Rayado	Colfax
Rio Honda	?	Camp Rio Mimbres	Grant
San Pedro	Santa Fe	Shakespeare	Grant
Spadera	Bernalillo	Fort West	?

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	ST LAWRENCE	° ′	° ′						
V O	Canton	44 33	75 11	304	12 10x	Jan'54	Dec'75		Sm.Col.temp.rain.
V O	"	44 33	75 15		2 10x	Jan'75	Aug'89		Bar.temp.wind.clds.rain.
V O	Gouverneur	44 25	75 35	400	31 5x	Jan'31	Dec'73		Sm.Col.temp.rain.Report of Regents
V O	"				1 2	Jan'74	Feb'75		Bar.temp.wind.clds.rain.
V O	Madrid	44 43	75 03		3 10x	1849	1852	T	Sm.Col.Average rain.
V O	"	44 43	75 33	230	1 10x	Jan'54	Jan'58		Sm.Col.temp.rain.
V O	North Hammond	44 23	75 45		7 10x	Jan'63	Nov'73		Sm.Col.temp.rain.
V O	"				3 10x	Jan'74			Bar.temp(max-min)wind.clds.rain
V O	Ogdensburg	44 43	75 34	230	8 3x	Jan'88	Jun'90		Sm.Col.temp.rain(Regents Report)
V O	Potsdam	44 40	75 01	304	21 0	Jan'20	Dec'43		Sm.Col.temp.rain(Regents Report)
V O	"				1 2	Nov'88			Temp.wind.dir.rain.
V O	Somerville	44 10	75 00	412	2 7x	May 46	Dec'51	T	Sm.Col.Rain.
V O	"				3 1	1849	1852		Sm.Col.Average temp.and rain.
	FRANKLIN								
V O	Ampersand (Saranac Lake)			1600	1 0	Jan'89			Temp(max-min)wind.clds.rain.
V O	Malone	44 50	74 23	703	3 0x	Jan'39	Dec'42		Sm.Col.temp.rain(Regents Report)
S S	"				1 9	Aug'75	Apl'77		Full observations.
M S	"				1	Dec'89			Temp.rain.
	CLINTON								
V O	Clinton Prison			1200	4 0	Jan'80	Dec'83		Temp.rain.(Adirondack State Land Survey)
V O	Dannemora	44 45	73 38	1497	1 0x	Mar'80	Jun'84		Temp(max-min).hyg.wind.rain.
V O	Plattsburg and Barracks	44 42	73 76	153	10 1x	Jan'39	Apl'52		Sm.Col.temp.rain.
M D	"				21 4x	Oct'60			Temp(max-min),hyg.wind.clds. rain.
V O	Rouses Point	45 01	73 02	117	3 6x	Jan'39	Mar'53		Sm.Col.temp.rain.
M D	"				6	Apl'32	Sep'32		Temp.rain.
	JEFFERSON								
V O	Adams	43 40	75 07	670	1 11	Jan'72	Nov'73		Sm.Col.temp.rain(Hungerford Collegiate Inst.)

X Record broken.

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	JEFFERSON Con-	° ′	° ′							
V 0	Adams				4	1x	Dec'73	Feb'78		Bar.temp.hyg.wind.clds.rain.
V 0	Belleville	43 45	76 10	300	9	0x	Jan'30	Dec'44		Sm.Col.temp.rain.
V 0	Depauville	44 10	76 30	350	8	10x	Jan'65	Dec'73		Sm.Col.temp.rain.
V 0	"				2	3	Jan'74	Feb'76		Temp.wind.clds.rain.
V 0	Ellisburg	43 47	76 08	250	10	0	?	?	R	Sm.Col.Average temp.
V 0	La Fargeville	44 12	76 00	385	1	0	Jan'51	Dec'51	R	Sm.Col.Temp.
V 0	Madison Barracks (Sackets Harbor	43 57	76 15	232	18	2x	Jan'24	Apl'52		Sm.Col.temp.rain.
M D	"				20	0x	Sep'65			Temp(max-min)hyg.wind.rain.
V 0	Pierrepont Manor	43 48	76 13	617	22	8	Jul'49	Dec'71	T	Sm.Col.Rain(data book)
V 0	Rodman	43 52	75 58	600		3	Jun'73	Nov'73		Sm.Col.temp.rain.
V 0	"				3	4	Dec'73	Mar'77		Temp.wind.rain.
V 0	Smithville	43 52	76 06	300	2	3x	Jan'54	May 56		Sm.Col.temp.rain.
V 0	Theresa	44 12	75 48	365	7	4x	Jan'31	May 38		Sm.Col.temp.rain.
V 0	Watertown	43 58	75 54	268	1	0	Jan'53	Dec'53		Sm.Col.temp.rain.
	LEWIS									
V 0	Constableville	43 35	75 27	1246		4x	1851	1853	R	Average temp.
V 0	"				1	2	Nov'88			Temp.wind.dir.rain.
V 0	Houseville	43 40	75 32	900	5	2x	Mar'49	Dec'66	T	Sm.Col.Average rain.
V 0	"				3	3x	Jan'54	Aug'72		Sm.Col.temp.rain.
V 0	"				1	7x	Jan'74	Sep'75		Temp.wind.clds.rain.
V 0	Leyden	43 34	75 22	1312	1	3x	Jan'69	Jul'70		Sm.Col.temp.rain.
V 0	Lowville	43 47	75 35	800	23	11x	Jan'27	Jul'72		Sm.Col.Temp.rain(Regents Report)
V 0	"				1	2	Nov'88			Temp.rain.
V 0	Number Four	43 50	75 29	1571	1	0	Jan'89			Temp(max-min)wind.clds.rain.
V 0	Turin	43 33	75 23	1200		5	Aug'88			Temp.rain.
	HERKIMER									
V 0	Fairfield	43 05	74 55	1185	21	7x	Jan'27	May 72		Sm.Col.temp.rain(Regents Report)
V 0	Ilion	43 02	75 04	400	1	2	Nov'88			Temp(max-min)wind.rain.
V 0	Mohawk	43 00	75 02	435	6	3x	Jun'60	Mar'69	R	Sm.Col.temp.
	ESSEX									
V 0	Bloomingdale	43 49	73 5[illegible]		1	0	Jan'46	Dec'46	R	Sm.Col.temp.

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	ESSEX Con-	° ′	° ′							
V O	Edmonds Ponds	43 49	73 58		5	0	1879	1883	T	Annual rain(data book)
V O	Elizabethtown	44 12	73 48	552	2	2x	Jul'79	Dec'82	T	Rain(Adirondack State Land Survey)
V O	Keene Valley	44 12	73 51	1000	5	0	Jan'79	Dec'83		Temp.rain.(Adirondack State Land Survey)
V O	Schroon Lake	43 45	73 54	500	2	0	Jun'78	Feb'81		Temp.wind.clds.rain.
	OSWEGO									
V O	Mexico	43 27	76 14	331	21	0x	Jan'57	Jun'62		Sn.Col.temp.rain(Regents Rept..
V O	North Volney	43 25	76 20	350	5	4x	Mar'68	Dec'73		Sn.Col.temp.rain.
V O	"				14	9	Jan'74	Mar'89		Temp.wind.clds.rain.
V O	Fort Ontario	43 34	76 12	300	10	4x	Jan'43	Dec'56		Sn.Col.temp.rain.
M D	"	43 28	76 32		4	6	Jan'70	Jun'74		Temp(max-min)hyg.wind.clds. rain.
V O	Oswego	43 28	76 34	250	14	7x	Jan'54	Dec'70		Sn.Col.temp.rain.
S S	"				19	2	Nov'70			Full observations.
V O	Palermo (Vermillion-ville)	43 26	76 31	327	20	0	Jan'54	Dec'73		Sn.Col.temp.rain.
V O	"				16	0	Jan'74			Temp(max-min)wind.clds.rain.
	WARREN									
V O	Pottersville	43 40	73 43	900	4	0	Jan'79	Dec'82	T	Rain(Adirondack State Land Survey)
V O	Queensbury	43 25	73 40	354	1	0x	Nov'88			Temp.wind.dir.rain.
	NIAGARA									
V O	Hess Road Station	43 20	78 45	330	1	2	Nov'88			Temp.rain.
V O	Lewiston	43 09	79 10	230	19	6x	May 30	Oct'50		Sn.Col.Temp.rain(Regents Rept)
V O	Lockport	43 09	78 50	600	5	9x	Nov'48	Dec'73		Sn.Col.temp.rain.
V O	"				2	2x	Jan'74	Mar'76		Temp.wind.clds.rain.
V O	Ft.Niagara	43 15	79 05	202	22	7x	Jan'29	Dec'67		Sn.Col.temp.rain.
M D	"				17	2x	Mar'62			Temp(max-min)wind.clds.rain.
V O	Pendleton Centre	43 08	78 47		1	3	Oct'88		R	Temp.
V O	Suspension Bridge	43 03	78 58	530	1	11x	Sep'67	May 71	T	Sn.Col.Rain.

X Record broken.

														Annual Com-
0	Alamitos Fields	22	30	73	58			2	1	1173	1893	T		Annual rain(data book)
0	Hilsboro(Hilton)	31	12	73	48	671	1	2x	Jul'79	Dec'02		T		Rain(Aditondack State Land Survey)
0	Mt. Ute Valley	41	12	73	51	1000	5	0	Jan'70	Dec'83				Temp.rain.(Aditondack State Land Survey)
0	Saint. Lake	42	12	73	61	500	2	1	Jan'73	Feb'81				Temp.wind.clds.rain.
														OLMSTED
0	Alafoe	42	27	73	14	811	21	0x	Jan'27	Jan'02				Sn.Col.temp.rain(Regents Rept..
0	North Volcano	32	23	73	20	380	5	x	Mar'08	Dec'73				S..Col.temp.rain.
0	"						1x	9	Jan'7	Mar'80				Temp.wind.clds.rain.
0	Fort Ontario	34	2.	73	12	800	10	x	Jan'43	Dec'83				S..Col.temp.rain.
E	"	42	28	73	32		4	3	Jan'70	Jan'7.				Temp(max-min)hyg.wind.clds. rain.
0	Oswego	45	23	73	81	250	11	7x	Jan'83	Dec'70				S..Col.temp.rain.
3	"						12	2	Nov'70					Fall observations.
0	Palmyra (Vermilyea-Ver- villa)	43	26	73	31	327	20	0	Jan'83	Dec'73				S..Col.temp.rain.
0	"						13	0	Jan'7.					Temp(max-min)wind.clds.rain.
	"ALTON"													
0	Pottersville	43	40	73	42	80	4	0	Jan'73	Dec'83		T		Rain(Aditondack State Land Survey)
0	Ramsbury	43	28	73	20	271	1	0x	Nov'83					Temp.wind.dir.rain.
	"MIDDLEBURY"													
0	Ross Road													
	Station	43	20	73	30	220	1	2	Nov'08					Temp.rain.
0	Lyndston	43	08	73	10	230	13	0x	July 30	Oct'80				S..Col.Temp.rain(Regents Rept)
0	Lowlport	43	03	73	30	300	5	2x	Nov'03	Dec'73				S..Col.temp.rain.
3	"						2	2x	Jan'73	Mar'73				Temp.wind.clds.rain.
0	Mt.Hope	43	12	73	05	232	22	7x	Jan'80	Dec'67				S..Col.temp.rain.
0	"						17	1x	Mar'82					Temp(max-min)wind.clds.rain.
0	Fowler, Geo.													
	Centre	43	08	73	17		1	2	Oct'83					Temp.
0	Grey Stone													
	Orville	43	06	73	58	820	1	[illegible]	Mar'73			T		S..Col.Rain.

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		°	′	°	′							
	NIAGARA Con-											
V 0	Wilson	43	17	78	50	250	4	7x	Nov'59	Dec'64		Sm.Col.temp.rain.
	ORLEANS											
V 0	Albion	43	14	78	14	505	6	3x	1845	1853	R	Sm.Col.Average mo.temp.
V 0	Carlton	43	20	78	16	250	3	0	Jan'71	Dec'73		Sm.Col.temp.rain.
V 0	"						1	4	Jan'74	Apl'75		Temp.wind.clds.rain.
V 0	Gaines	43	17	78	15	192	4	0	Jan'39	Dec'42		Sm.Col.temp.rain(Regents Rept)
V 0	Kendall	43	20	78	04			2	Nov'89			Temp(max-min)hyg.wind,clds. rain.
V 0	Millville	43	08	78	20	600	8	0	Jan'40	Dec'47		Sm.Col.temp.rain(Regents Rept.)
	MONROE											
V 0	Charlotte	43	15	77	37	273	8	3	Jul'59	Dec'66		Sm.Col.temp.rain.
V 0	Henrietta	43	06	77	51	300	5	3x	Jan'35	Jun'32		Sm.Col.temp.rain.
V 0	Rochester	43	08	77	42	500	37	10	Jan'30	Oct'70		Sm.Col.temp.rain.(Regents Rept)
S S	"						18	10x	Nov'70			Full observations.
V 0	Spencerport	43	09	77	48	515		3	Oct'89			Bar.temp(max-min)hyg.rain.
	WAYNE											
V 0	Clyde(near)	43	05	76	54	400	1	6	Jan'61	Jun'62	R	Sm.Col.temp.
V 0	Lyons	43	04	77	02	407	2	8	Jan'30	Aug'32	R	Sm.Col.temp.
V 0	"	43	06	77	00		1	3	May 83			Temp.wind.dir.rain.
V 0	Palmyra	43	05	77	16	450	2	10x	Jan'35	Dec'35		Sm.Col.temp.rain(Regents Report)
V 0	"					740	4	3	Oct'85			Temp.wind dir.
	CAYUGA											
V 0	Auburn	42	55	76	35	650	27	9x	Jan'27	Apl'31		Sm.Col.temp.rain(Regents Report)
V 0	"						5	11x	Oct'83			Bar.temp(max-min)hyg.wind. clds.rain.
V 0	Fleming	42	50	76	33	1000	1	0	Jan'89			Temp.wind.dir.rain.
V 0	Ledyard	42	43	76	37	447	13	0x	Jan'27	Dec'50		Sm.Col.temp.rain(Regents Report)
	ONONDAGA											
V 0	Baldwinsville	43	09	76	20	390	11	6x	Jan'54	May 67		Sm.Col.temp.rain.
V 0	Onondaga	42	59	76	06	1260	13	0	Jan'23	Dec'42		Sm.Col.temp.rain(Regents Report)
V 0	Pompey	42	56	76	05	1300	18	6x	Jan'23	Mar'58		Sm.Col.temp.rain(Regents Report)

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	ONONDAGA Con-	°	′	°	′							
V 0	Skaneateles	42	55	73	26	932	6	2x	Jan'61	May 67		Sm.Col.temp.rain.
V 0	Syracuse	43	02	76	14	407	3	3x	Jan'43	Dec'52		Sm.Col.temp.rain(Regents Report)
V 0	"						1	9x	Feb'84	Apl'88		Temp.rain.
	ONEIDA											
V 0	Bridgewater	42	55	75	17	1188	4	0x	Jan'33	Dec'37		Sm.Col.temp.rain.(Regents Report)
V 0	Clinton	43	03	75	20	1127	8	10x	Oct'50	Mar'65		Sm.Col.temp.rain(Regents Report)
V 0	Rome	43	12	75	26	506		8	May 89			Temp.rain.
V 0	South Trenton	43	13	75	15	835	10	9x	Jan'63	Nov'73		Sm.Col.temp.rain.
V 0	"						2	5x	Jan'74	Oct'76		Temp.rain.
V 0	Utica	43	06	75	13	473	29	5x	Jan'26	Dec'70		Sm.Col.temp.rain(Regents Report)
V 0	"						7	0	Jan'80	Dec'86	T	Rain.
V 0	"	43	05	75	13	538	3	0	Jan'87			Bar.temp(max-min) wind.dir. rain.
V 0	Waterville	42	54	75	25	1223	1	7x	1849	1851	R	Sm.Col.Average temp.
V 0	Whitestown	43	08	75	14	824	7	0	Jan'34	Dec'40		Sm.Col.temp.rain.
	MADISON											
V 0	Cazenovia	42	55	75	43	260	12	4x	Jan'30	Nov'73		Sm.Col.temp.rain.
V 0	"						3	8x	Jan'74	May'78		Bar.temp.wind.clds.rain.
V 0	Hamilton	42	49	75	34	1127	28	2x	Jan'27	Dec'60		Sm.Col.temp.rain(Regents Report)
V 0	Oneida (Wampsville)	43	04	75	38	500	6	0	1846	1852	T	Sm.Col.Average rain.
V 0	"						19	2	Jan'54	Nov'73		Sm.Col.temp.rain.
V 0	"						5	10x	Dec'73	Dec'77		Bar.temp.wind.clds.rain.
	FULTON											
V 0	Johnstown	43	00	74	23	638	13	0x	Jan'28	Dec'45		Sm.Col.temp.rain.(Regents Rept)
V 0	"						3	3x	Dec'80	Dec'88		Bar.temp.rain.
	SARATOGA											
V 0	Saratoga	43	06	73	50	960	1	8x	Dec'56	Sep'59		Sm.Col.temp.rain.
V 0	Saratoga Sp'gs	43	06	73	52	265		7	Sep'87	Mar'88		Bar.temp.wind.rain.

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	SARATOGA Con-	° ′	° ′						
V O	Waterford	42 47	73 43	70	6 4x	Jan'56	May 63		Sm.Col.temp.rain.
V O	West Day	43 20	74 08	1200	2 2x	Mar'58	Mar'73		Sm.Col.temp.rain.
V O	"				6x	Jan'74	Sep'74		Temp.wind.clds.rain.
	WASHINGTON								
V O	Fort Ann	43 22	73 28	1430	2 0x	Nov'63	May 66		Sm.Col.temp.rain.
V O	Argyle	43 11	73 30	290	3 4x	Apl'64	Nov'73	T	Sm.Col.Rain.
V O	"				3 6x	Dec'73	Aug'89		Bar.temp.wind.clds.rain.
V O	Cambridge	43 01	73 23	500	15 0x	Jan'27	Dec'43		Sm.Col.temp.rain(Regents Report)
V O	Fort Edwards	43 13	73 33	175	2 3x	Nov'57	May 70		Sm.Col.temp.rain.
V O	Granville	43 20	73 17	250	14 0x	Jan'35	Dec'49	T	Sm.Col.Rain.(Regents Report)
V. O	Lake	43 30	73 30	542	1 11x	Dec'56	Nov'58	T	Sm.Col.Rain.
V O	Salem	43 15	73 30		10 0x	Jan'28	Dec'47		Sm.Col.temp.rain.
V O	"				5	Jan'39	May 89		Temp(max-min)wind.dir.rain.
V O	South Hartford	43 15	73 21	500	10 4	Aug'63	Nov'73		Sm.Col.temp.rain.
V O	"				3 3	Aug'75	Jan'79		Temp.wind.clds.rain.
	GENESEE								
V O	Le Roy	42 59	78 00	370	4	Apl'54	Jul'54	R	Sm.Col,temp.
V O	"				4 9x	May 84	May 89		Temp(max-min)wind.rain.
	ERIE								
V O	Buffalo and Barracks	42 53	78 53	390	21 3x	Jan'31	Oct'70		Sm.Col.temp.rain.
S S	"				19 2	Nov'70			Full observations.
V O	Eden Centre	42 30	79 07	700	1 3x	Mar'53	Dec'57	R	Sm.Col.Temp.
V O	"				1 10	Mar'88			Temp.rain.
M D	Fort Porter	42 50	78 55	660	17 7x	Dec'35			Temp.hyg.wind.clds.rain.
V O	Springville	42 30	78 50	500	3 0x	Jan'34	Dec'50		Sm.Col.temp.rain(Regents Report)
	WYOMING								
V O	Hermitage	42 45	78 13	1500	3 10	Oct'80	Aug'84		Sm.Col.temp.rain.
V O	Middlebury	42 49	78 10	800	19 0x	Jan'26	Dec'49		Sm.Col.temp.rain.(Regents Report)
	LIVINGSTON								
V O	Dansville	42 35	77 44	672	1 5x	Aug'59	Jan'63		Sm.Col.temp.rain.
V O	Mt.Morris	42 52	77 56	595	2 10x	May 85	Aug'89	T	Rain(Adirondack State Land Survey)

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		°	′	°	′							
	ONTARIO											
V 0	Canandaigua	42	50	77	15	145	10	0	Jan'29	Dec'33		Sn.Col.temp.rain(Regents Report)
V 0	Clifton	43	05	79	06		1	2x	Jul'68	May 71	R	Sn.Col.Temp.
V 0	Geneva	42	52	77	05	567	16	9x	Nov'50	Aug'68		Sn.Col.temp.rain.
V 0	"						1	11x	Oct'77			Temp.wind.dir.rain.
	YATES											
V 0	Himrods	42	37	77	02	799	2	2x	May 69	Dec'71	T	Rain(data book)
V 0	Milo	42	39	77	01	863	2	10x	May 69	Dec'72		Sn.Col.temp.rain.
V 0	Penn Yan	42	42	77	00	740	38	8x	Jan'29	Oct'67		Sn.Col.temp.rain(Regents Report)
V 0	"	42	40	77	12	750	14	10x	Mar'74	Feb'89		Temp.wind.rain.
V 0	Starkey	42	32	76	53	810	5	5x	Nov'74	Sep'87		Temp.wind.rain.
	SENECA											
V 0	Lodi(Townsville or Covert)	42	36	76	50	1000	4	8x	Jan'54	Dec'58		Sn.Col.temp.rain.
V 0	Ovid	42	21	76	52	600	2	3	Nov'55	Jan'58		Sn.Col.temp.rain.
V 0	Seneca Falls	42	54	73	50	463	4	6x	Jan'50	Jul'64		Sn.Col.temp.rain.
	MONTGOMERY											
V 0	Canajoharie	42	51	74	42	284	3	0x	Jan'30	Dec'35		Sn.Col.temp.rain(Regents Report)
V 0	Minaville	42	54	74	15	1333	3	7	Jul'67	Jan'71		Sn.Col.temp.rain.
V 0	Oakland	42	53	74	31	480	2		1849	1850	R	Sn.Col.Average temp.
	SCHENECTADY											
V 0	Schenectady	42	48	73	56	300	4	0x	Jan'29	Dec'64		Sn.Col.temp.rain.
V 0	"						4	3x	Jan'35	Dec'38	T	Sn.Col.Average rain.
V 0	"							3x	Sep'89			Temp.rain.
	CORTLAND											
V 0	Homer	42	38	76	11	1096	20	9x	Jan'29	Feb'56		Sn.Col.temp.rain.(Regents Report)
V 0	Mc.Granville	42	34	76	11	1450	1	2x	Sep'53	Dec'57		Sn.Col.temp.rain.
	OTSEGO											
V 0	Cherry Valley	42	48	74	47	1335	17	0x	Jan'27	Jun'54		Sn.Col.temp.rain.(Regents Report)
V 0	Cooperstown	42	42	74	57	1300	40	0	Jan'50			Temp(max-min)wind.clds.rain.
V 0	Hartwick	42	38	75	01	1100	16	0x	Jan'26	Dec'50		Sn.Col.temp.rain.(Regents Report)

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	SCHOHARIE	°	′	°	′							
V O	Middleburg	42	35	74	22	600	2	7x	Feb'71	Nov'73		Sm.Col.temp.rain.
V O	"						1	5	Aug'88			Temp(max-min)wind.dir.rain.
	ALBANY											
V O	Albany	42	40	73	45	195	56	0x	Jan1795	Dec'71		Sm.Col.temp.rain.
S S	"						17	0	Jan'73			Full observations.
V O	Menand Station (near Albany)	42	39	73	45	125	5	11	Jun'82	Apl'88		Bar.temp.wind.rain.
V O	Watervleit Arsenal (near Troy)	42	43	73	43	50	31	0	Jan'24	Dec'54		Sm.Col.temp.rain.
M D	"						1	9x	Aug'73			Temp.hyg.wind.rain.
	RENSSELAER											
V O	Lansingburg 3 mi.W of Troy	42	47	73	40	30	20	0x	Jan'26	Dec'46		Sm.Col.temp.rain.(Regents Report)
V O	"						3	4	May 26	May 37	T	Rain(for May for 40 yrs.)
V O	New Nassau	42	32	73	38		1	4x	1850	1851	R	Sm.Col. Temp.
V O	Troy	42	44	73	37	53	59	5x	Jan'26	Dec'86	T	Table of mo.rain(Troy Water Works)
V O	"						8	1x	Jan'54	May 73		Sm.Col.temp.rain.
V O	"						8	3x	Jan'74	Jun'82		Bar.temp.hyg.wind.clds.rain.
	CHAUTAUQUA											
V O	Fredonia	42	26	79	24	765	21	3x	Jan'29	Feb'64		Sm.Col.temp.rain(Regents Report)
V O	Jamestown	42	06	79	18	1365	8	5x	Oct'50	Dec'73		Sm.Col.temp.rain.
V O	"						1	8	Jan'74	Aug'75		Bar.temp.wind.clds.rain.
V O	Kiantone	42	01	79	12		1	0x	Mar'83	Oct'84		Bar.temp.wind.rain.
	CATTARAUGUS											
V O	Humphrey	42	14	79	21		6	7	Jun'83			Bar.temp.wind.clds.rain.
	ALLEGANY											
V O	Alfred	42	15	78	06	1760	3	11x	Jan'52	Mar'61		Sm.Col.temp.rain.
V O	Alfred Centre	42	13	78	07			9	Apl'89			Bar.temp(max-min)hyg.wind. clds.rain.
V O	Angelica	42	18	78	03	1380	6	1x	May 54	Oct'73		Sm.Col.temp.rain.
V O	"						1	10x	Oct'74			Bar.temp.rain.
V O	Cuba	42	03	78	00		1	3x	Jan'74	Mar'75		Sm.Col.temp.rain.

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	ALLEGANY Con-	° ′	° ′						
V 0	Ceres	42 08	78 00		4x	Jan'74	Mar'75		Bar.temp.wind.clds.rain.
V 0	Cuba	42 12	78 18	1502	2 0	1840	1841		Sm.Col.Average temp.& rain.
V 0	Friendship(Nile	42 12	78 10	1536	1 2x	Nov'73	Dec'67		Sm.Col.temp.rain.
V 0	"				8 11x	Sep'66	Aug'89		Bar.temp.wind.clds.rain.
V 0	Little Genesee	42 00	78 15	1500	8 0	Jan'66	Dec'73		Sm.Col.temp.rain.
V 0	"				11	Feb'74	Dec'74		Bar.temp.wind.clds.rain.
V 0	Wellsville	42 07	78 00	1480	1 4	Jan'57	Apl'58		Sm.Col.temp.rain.
	STEUBEN								
V 0	Prattsburg	42 34	77 20	1494	10 0x	Jan'29	Dec'46		Sm.Col.temp.rain(Regents Report)
V 0	South Canisteo	42 12	77 40	1631	1 2	Nov'88			Temp(max-min)hyg.wind.dir. rain.
V 0	Savona	42 14	77 14	1053	1 5	Jul'88	Nov'89		Temp(max-min)wind.dir.rain.
	SCHUYLER								
V 0	Hector	42 30	76 55	850	8 9x	Dec'74	Feb'84	T	Wind.clds.rain.
V 0	Perry City(near	42 27	76 47	800	1	Sep'69		R	Sm.Col.Temp.
V 0	"				1 2	Nov'88			Temp(max-min)wind.dir.rain.
V 0	Wedgewood	42 20	77 00	1347	1 2	Nov'88			Temp(max-min)hyg.wind.dir. rain.
	TOMPKINS								
V 0	Groton	42 35	76 22	1000	1 1	May 72	May 73		Sm.Col.temp.rain.
V 0	Ithaca(Cornell University)	42 27	76 30	417	21 9x	Jan'28	Aug'53		Sm.Col.temp.rain(Regents Report)
V 0	"				15 4x	May 74			Bar.temp(max-min)hyg.wind. clds.rain.
S S	"				1 0	Sep'87	Aug'88		Electrical Station
V 0	Jacksonville	42 30	76 38	950	8	May 73	Dec'73		Sm.Col.temp.rain.
V 0	"				3 8	Jan'74	Aug'77		Temp.wind.clds.rain.
V 0	Waterbury	42 30	76 25	800	4 6x	Apl'39	Dec'73		Sm.Col.temp.rain.
V 0	"				8 9	Jan'74	Sep'82		Temp.wind.clds.rain.
	CHEMANGO								
V 0	Oxford	42 28	75 32	961	23 2x	Jan'28	Dec'56		Sm.Col.temp.rain.(Regents Report)
V 0	Elmira	42 05	76 50	800	1 11x	Jan'52	Dec'52		Sm.Col.temp.rain.

X Record broken.

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	CHEMANGO Con-	° ′	° ′							
S S	Elmira	42 06	76 48		1	7	Mar'78	Aug'79		Bar.temp.hyg.wind.clds.rain (Sunset Station)
V O	"				1	0	Jan'89			Temp.wind.dir.rain.
	TIOGA									
V O	Factoryville	42 00	76 31	830	7	9x	Nov'81			Bar.temp(max-min)wind.clds. rain.
V O	Marshland (Apalachin P.O.	42 03	76 12			1	Dec'89			Temp.rain.
V O	Newark Valley	42 20	76 30	966	4	3	Jan'68	Mar'78		Sm.Col.temp.rain.
V O	Nichols	42 00	76 32		17	0	Jan'57	Dec'73	R	Sm.Col.Temp.
V O	"				3	10	Dec'73	Sep'77		Temp.wind.clds.rain.
	BROOME									
V O	Nineveh	42 10	75 38	1032	1	2	Nov'83			Temp.wind.dir.rain.
	DELAWARE									
V O	Delhi	42 16	74 58	1384	3	3x	Jan'28	Dec'52		Sm.Col.temp.rain.
V O	South Kortright	42 18	74 45		1	0	Jan'89			Temp.rain.
	GREENE									
V O	Greenville	42 20	73 57		1	0	Jan'23	Dec'26	R	Sm.Col.Temp.
	COLUMBIA									
V O	Germantown	42 05	73 52		1	10x	Aug'66	May 68		Sm.Col.temp.rain.
V O	Hudson	42 15	73 47	150	22	0x	Jan'27	Jan'70		Sm.Col.temp.rain.
V O	"					9x	Sep'76	Apl'77		Bar.temp.wind.clds.rain
V O	Kinderhook	42 22	73 43	125	17	0	Jan'30	Dec'46		Sm.Col.temp.rain.
W S	Lebanon Sp'gs	42 28	73 36		2	2x	Aug'84	Sep'87		Temp.rain.
V O	Spencertown	42 19	73 41	750	5	4x	Jul'54	Jun'61		Sm.Col.temp.rain.
	SULLIVAN									
V O	Beaver Brook	41 20	74 50	700	1	0	Jan'54	Dec'54		Sm.Col.temp.rain.
V O	Liberty	41 45	74 16	1474	12	3x	Oct'50	Mar'63		Sm,Col.temp.rain(Regents Report)
V O	Youngsville	41 47	74 55	1000	3		?	?	R	Sm.Col.Average temp.
	ULSTER									
V O	Glasco	42 00	74 00	150	3	6x	Jan'69	Jul'73		Sm.Col.temp.rain.
V O	"					3x	Nov'74	Mar'76		Temp.rain.
V O	Kingston (Rondout)	41 55	74 03	183	10	8x	Sep'28	Sep'69		Sm.Col.temp.rain(Regents Report)
V O	"				1	1	Dec'88			Temp. Wind, &c. & Rain

X Record broken.

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		°	′	°	′							
	DUTCHESS											
V O	Amenia	41	48	73	33	540	1	1x	Jan'49	Jul'50	R	Sm.Col.temp.
V O	Fishkill Landing	41	31	73	59	42	10	9x	Jan'54	Dec'66		Sm.Col.temp.rain.
V O	Honeyhead-brook (Bangall)	41	57			440		7	Jun'89			Bar.temp.wind.rain.
V O	Poughkeepsie	41	41	73	55	179	13	2x	Jan'28	Apl'70		Sm.Col.temp.rain(Regents Report)
V O	"							2	Nov'89			Temp(max,min)rain.
V O	Red Hook	42	02	73	56		12	0x	Jan'30	Dec'42		Sm.Col.temp.rain(Regents Report)
W S	S E Reservoir	41	23	73	38		1		Jan'89		T	W.T.S.T.Rain.
V O	Wappinger's Falls	41	38	73	50		4	3x	Dec'74	Aug'78		Bar.temp.hyg.wind.clds.rain.
	ORANGE											
V O	Houghton Farm Exper.Station (Mountainville)	41	23	74	00	218	3	7x	Jan'83	Aug'86		Bar.temp(max-min)hyg.wind. clds.rain.
V O	Goshen (Farmers Hall)	41	20	74	11	425	11	0x	Jan'35	Dec'49		Sm.Col.Temp.rain(Regents Report)
V O	Montgomery	41	32	74	00	300	13	0x	Jan'28	Dec'42		Temp.rain(Regents Report)
V O	Newburg	41	31	74	00	150	29	2	Jan'28	Feb'71		Sm.Col.temp.rain(Regents
V O	Port Jervis	41	20	74	43	523	5	4	Jan'80	Apl'85		Temp.wind.clds.rain.
W S	"							1	Dec'89			Temp.wind.clds.rain.
V O	West Point	41	24	73	57	137	35	8x	Jan'24	Dec'59		Sm.Col.temp.rain.
M D	"						27	7x	Jan'30			Bar.temp(max-min)hyg.wind. clds.rain.
	PUTNAM											
V O	Ardenia(Phillipdown Garrison Beverly)	41	23	73	50		33	0x	Oct'51			Temp.wind.clds.rain.
V O	Boyd's Corners	41	29	73	43	543	5	9	Jun'66	Feb'72	T	Sm.Col.Rain.
V O	"(Carmel)						5	6x	Jul'73			Bar.temp.wind.dir.rain.

X Record broken.

PUTCHESS													
Amenia	41	44	73	23	320	1	1x	1x'.9	Jul'30	R	Sn.Col.temp.
Fishkill											
Lumbing	41	31	73	39	42	10	9x	Jan'54	Dec'05		Sn.Col.temp.rain.
Hopewell-Brook											
(Bungtoll)	41	37			440		7	Jun'09			Bur.temp.wind.rain.
Poughkeepsie	41	41	73	55	178	10	2x	Jan'22	Apl'70		Sn.Col.temp.rain(Reports Report)
"							2	Nov'29			Temp(max,min)rain.
Red Hook	42	02	73	53		12	0x	Jan'30	Dec'42		Sn.Col.temp.rain(Reports Report)
S E Observatr	41	25	73	39		1		Jan'29		T	T. . .T.Rain.
Wappinger's											
Falls	41	36	73	50		4	8x	Dec'74	Aug'72		Bar.temp.hyg.wind.clds.rain.
Cottage											
Hospital, Dutc											
Expr.Station											
(Poughkeepsie)41	23	74	00	212	5	7x	Jan'83	Aug'35			Bar.temp(max-min)hyg.wind. clds.rain.
Cosbum											
(Farmers Hall)	41	20	74	11	485	11	0x	Jan'35	Dec'49		Sn.Col.Temp.rain(Reports Report)
Montgomery	41	32	74	00	300	13	0x	Jan'20	Dec'22		Temp.rain(Reports Report)
Newburg	41	31	74	00	150	29	2	Jan'22	Feb'71		Sn.Col.temp.rain(Reports
Port Jervis	41	20	74	43	323	5	4	Jan'30	Apl'85		Temp.wind.clds.rain.
"							1	Dec'29			Temp.wind.clds.rain.
West Point	41	24	73	57	177	35	8x	Jan'24	Dec'59		Sn.Col.temp.rain.
"						27	7x	Jan'30			Bar.temp(max-min)hyg.wind. clds.rain.
PUTNAM											
Ardenia(Phil-											
ipdown Garrison											
Derrity)	41	23	73	50		23	0x	Oct'51			Temp.wind.clds.rain.
Doyd's Corners	41	29	73	[illegible]	620	5	9	Jun'64	Feb'72	T	Sn.Col.Rain.
"(Carmel)						6	8x	Jul'73			Tar.temp.wind.clds.rain.

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	WESTCHESTER	°	′	°	′							
V O	Croton Dam	41	12	73	54	133	12	2	Jan'60	Feb'72	T	Sm.Col.Rain.
V O	Fordham	40	54	73	50	142	12	10x	Feb'56	Feb'72		Sm.Col.temp.rain.
V O	Kensico	41	10	73	50	600		5x	Jun'73	Oct'73		Sm.Col.temp.rain.
V O	"						4	3x	Dec'73	Oct'73		Temp.wind.clds.rain.
V O	Mt.Pleasant	41	09	73	47	125	12	0x	Jan'31	Dec'44		Sm.Col.temp.rain(Regents Report)
V O	North Salem	41	20	73	34	361	28	1x	Jan'29	Dec'60		Sm.Col.temp.rain(Regents Report)
M D	Ft.Schuyler	40	48	73	43		1	3x	Jan'70			Bar.temp(max-min)wind.clds. rain.
V O	Sing Sing	41	09	73	52	153	11	2x	Sep'62	Jan'75		Sm.Col.temp.and much broken rain.
V O	Tarrytown	41	05	73	51	152	12	4	Jan'60	Apl'72	T	Sm.Col.Rain.
V O	Throgg's Neck	40	48	73	47	19	8	0x	Dec'63	May 72		Sm.Col.temp.rain.
V O	White Plains	41	01	73	45	100	13	2x	Dec'58	Nov'73		Sm.Col.temp.rain.
V O	NEW YORK						16	1	Dec 73			Temp. Rain
V O	New York City	40	43	73	58	159	26	0x	Jan'44	Dec'73		Sm.Col.temp.rain.
V O	"						16	0	Jan'74			Bar.temp.hyg.wind.clds.rain
S S	"					135	19	2	Nov'70			Full observations.
V O	Ft.Columbus	40	41	74	01	23	38	3	Oct'21	Dec'59		Sm.Col.temp.rain.
M D	"						29	0x	Jan'60			Bar.temp(max-min)hyg.wind. clds.rain.
M D	David's Island (N.Y.H)	40	52	73	34		4	11x	Aug'69			Temp(max-min)wind.clds.rain.
V O	Morrisania	40	53	74	01	150	1	7x	Jan'53	Jan'58	R	Sm.Col.temp.
V O	Fort Wood (Bedloe's Isl'd	40	42	74	11	22	1	0	1837	1838	R	Sm.Col.Average temp.
M D	"							8x	Apl'61	Feb'62		Temp.hyg.wind.rain.
	KINGS											
V O	Brooklyn	40	41	73	58	54	32	11x	Jan'41	Dec'73		Sm.Col.temp.rain.
V O	"Adelphi Academy)						3	10x	Jan'74			Bar.temp(max-min)hyg.wind. clds.rain.
V O	Flatbush	40	37	73	58	40	47	1x	Jan'26	Nov'73		Sm.Col.temp.rain(Regents Report)

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	KINGS Con-	° ′	° ′							
V O	Ft.Hamilton	40 36	74 02	25	13	8x	Jan'39	Dec'59		Sm.Col.temp.rain.
M D	"				26	1x	Jan'60			Temp(max-min)hyg.wind.clds. rain.
	QUEENS									
V O	Flushing	40 46	73 52			6	Jul'55	Dec'55	R	Sm.Col.Temp.
V O	"				8	11x	May 75	Feb'84		Bar.temp(max-min)hyg.wind. clds.rain.
V O	Hempstead	40 41	73 40	49	1	6x	Jun'72	Dec'73	R	Sm.Col.Temp.
V O	"(Parsonage Creek Reservoir)					5	Jan'74	May 74		Bar.temp.hyg.wind.clds.rain.
V O	Jamaica	40 42	73 48	30	39	0	Jan'26	Dec'64		Sm.Col.temp.rain(Regents Report)
V O	Oyster Bay	40 50	73 49	50	2	0x	Jan'34	Dec'37		Sm.Col.temp.rain(Regents Report)
M D	Willett's Point	40 43	73 46	405	11	11x	Jan'70			Temp(max-min)hyg.wind.clds. rain.
	SUFFOLK									
V O	Bellport	40 44	72 52		4	11	Aug'57	Jun'62		Sm.Col.temp.rain.
V O	Moriches(Brook Haven)	40 48	72 39	39	10	0	Jan'64	Dec'73		Sm.Col.temp.rain.
V O	"				7	8	Jan'74	May 82		Temp.wind.clds.rain.
V O	East Hampton	40 58	72 28	16	17	3x	Jan'27	Aug'52		Sm.Col.temp.rain.(Regents Report)
V O	Huntington	40 52	73 27	50	1	0	Sep'21	Aug'22	R	Sm.Col.temp.
V O	Sag Harbor	41 00	72 19	40	5	0	Jan'54	Dec'58		Sm.Col.temp.rain.
W S	Setauket	40 58	73 05	40		2	May 85	Jul.'85		Temp.rain.
V O	"				4	5x	Aug'85			Bar.temp(max-min)hyg.wind. clds.rain.
	RICHMOND									
V O	Stapleton	40 39	74 04	50		5	Oct'67	Feb'68		Sm.Col.temp.rain.
V O	"				1		1874			Summary(miscellaneous)
V O	"				1	10x	Feb'75	Aug'79		Bar.temp.wind.clds.rain.
M D	Ft.Wadsworth	40 30	74 03	35	4	2x	Jun'73			Temp(max-min)hyg.wind.clds. rain.

X Record broken.

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NEW YORK

List of Stations having less than one year's record and which are not now in operation.

Station	County	Station	County
Adirondacks	Essex	Morley	St.Lawrence
Alexandria	Genesee	New Concord	Columbia
Amsterdam	Montgomery	Newfane Station	Niagara
Arcade	Wyoming	Pelham Manor	Westchester
Barnesville	Schoharie	Plainville	Onondaga
Benton Centre	Yates	Rockland	Rockland
Boonville	Oneida	Rock Lake	Rockland
Breslau	Suffolk	Sennet	Cayuga
Bethpage Junction	Queens	Sheburne	Chenango
Barnes Corners	Lewis	Sidney Plains	Delaware
Caldwell	Warren	South Alabama	Genesee
Cape Vincent	Jefferson	South Edmonston	Otsego
Champion	Jefferson	Suffern	Rockland
Chatham	Columbia	South Orange	Essex
Cleckville	Madison	Somerset	Niagara
Constantia	Orange	Tannersville	Greene
Dundee	Yates	Union Springs	Cayuga
Falconer	Chatauqua	Upper St.Regis Lake	Franklin
Haines Falls	Greene	Virgil	Cortland
Havana	Schuyler	Wales	Erie
Jericho	Queens	Warrensburg	Warren
Lima	Livingston	Warsaw	Wyoming
Lisle	Broome	Waverly	Cattaraugas
Loganspert	?	West Concord	Erie
Luzerne	Warren	Waddington	St.Lawrence
Marathon	Cortland	Rose	Wayne
Martinsburg	Lewis	Vernon Centre	Oneida

Station	County	Station	County
Albuquerque	Sandia	Lordsburg	St.Lawrence
Alexandria	Bedford	New Orleans	Orleans
Ashford	Lafayette	Newton Station	Sullivan
Attica	Wayne	Pilgrim Lodge	Washington
Bartlesville	Washington	Pittsburgh	Omaha
Belton Center	Tulsa	Redstone	Bedford
Bowville	Ouida	Rock Lake	Hopkins
Brisbin	Surfside	Sagwa	Clay
Bryan Junction	Boone	Sagwa	Gregson
Buena Cerro	Lucia	Stony Plain	Dickson
Calavil	Burton	South Albion	Onslow
Cape Vicente	Jefferson	South Edmonton	Osage
Chelsea	Jefferson	Surfing	Bedford
Chelsea	Cuyahoga	South Orchid	Tulsa
Clinchfield	Fulton	Southwest	Sullivan
Cedarville	Osage	Tamarazzile	Gordon
Fondle	Yuba	Union Springs	Guyott
Fairmir	Cuyahoga	Upper St.Marys Lake	Pawnee
Hudson Falls	Gordon	Virgil	Cortland
Frank	Lafayette	Sales	Ark
Jewella	Gordon	Warrington	Barron
Lila	Lafayette	Warsaw	Wheeling
Lisle	Bryson	Waverly	Cattaraugus
Legumport	?	West Conway	Ark
Lumpkin	Barron	Saddleyfa	St.Lawrence
Lurton	Cortland	Zaso	Wayne
Martinsburg	Curtis	Verona Colony	Gordon

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	SURRY.								
V O	Mount Airy	36° 30	80° 40	1048	8	Jan'72	Aug'72		Smithsonian Collection.
V O	" "				9	Apl'89			Max.& min. Temp. & Rain.
	ROCKINGHAM.								
W S	Douglas	36 25	79 53		2	Nov'89			Temp.(max.min.),Rain.
V O	Reidsville	36 23	79 40	1000	2 3	Apl'85	Sep'87		Temp.,Weather,Clds.,Wind,Rain.
	GRANVILLE.								
V O	Oxford	36 22	78 25	475	7 1x	Jul'36	Dec'73		Smithsonian Collection.
V O	"				10	Jan'74	Oct'74		Temp.,Wind,Clds.,Rain.
	WARREN.								
V O	Warrenton	36 23	78 09	451	7x	Apl'57	Nov'57		Smithsonian Collection.
V O	"				1 0	Jan'70	Dec'70		Temp.broken. Sm. Col.
	HALIFAX.								
V O	Weldon	36 24	77 32	81	1 11	Feb'72	Dec'73		Smithsonian Collection.
V O	"				16 0	Jan'74			Temp.,Wind,Clouds,Rain.
C R	"				4 4x	Apl'82			
	NORTHAMPTON.								
V O	Gaston	36 28	77 38	152	4 8x	Aug'56	Mar'61		Also known as Green Plains. Smithsonian Collection.
V O	Jackson	36 20	77 23		1 1x	Jan'54	Apl'55	T	Smithsonian Collection.
V O	"				2 -	'52	'54	R	Average monthly Temp. Sm.Col.
V O	Thornbury	36 20	77 21		1 1x	Jan'54	Apl'55	R	Smithsonian Collection.
	HERTFORD.								
V O	Murfreesborough	36 23	77 05	75	5 1	Oct'56	Oct'61		Temp.broken. Sm. Col.
	CHOWAN.								
V O	Edenton	36 03	76 33	30	1 1x	Aug'71	Jul'73		Smithsonian Collection.
	CURRITUCK.								
S S	Wash Woods	36 38	75 53		3 0	May'82	Apl'88		3d Order Station. Also known as Life Saving Stations,3,5 & 6 also as False Cape.
S S	Currituck Inlet	36 30	75 53		1	Dec'89		T	Repair Station.Obs of Rain only
S S	Kitty Hawk	36 00	75 42	9	15 0	Jan'75			2d Order Station.Changed to 3d Order on Jany.1st,1887.
	MADISON.								
V O	Hot Springs	35 53	82 49	1330	2 0	Jun'87	May'89	R	Bar.,Temp.(max.min.),Hyg. Rain for 1 month only.
W S	" "				7	Jun'89		R	Temp.(max.min.).

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	CALDWELL.									
V O	Lenoir	35 ◦ 58	81 ◦ 30	1186	2	3x	Aug'71	Dec'73		Smithsonian Collection.
V O	"	"			16	0	Jan'74			Temp., Wind, Clouds, Rain. Humidity from Jan'79 and max. & min. Temp. from Jan'84. Record complete except for Aug. & Sep'76.
	IREDELL.									
V O	Statesville	35 45	80 53	955	6	0	May'66	Apl'73		Smithsonian Collection.
	(near)									
V O	" "				9	5	Feb'74	May'89		Temp., Wind, Clouds, Rain. Max. & min. Temp. from Jan'84.
W S	" "					7	Jun'89			Temp. (max. min.), Rain.
	GUILFORD.									
V O	New Garden	36 03	79 53	860	1	5x	Jul'72	Dec'73		Smithsonian Collection.
V O	" "				1	0	Jan'74	Dec'74		Temp., Weather, Clouds, Rain.
V O	Greensborough	36 04	79 49	843	2	1x	Aug'71	Dec'73		Smithsonian Collection.
V O	"				8	8	Jan'74	Aug'82		Temp., Weather, Clouds, Rain.
	HILLSBOROUGH.									
V O	Chapel Hill	35 54	79 04	500	20	0x	Jan'20	May'70	R	Smithsonian Collection.
V O	" "				3	11x	Apl'56	Apl'61	T	" "
V O	" "				6	6	Jan'83			Bar., Temp. (max. min.), Hygrometer, Wind, Weather, Rain.
	WAKE.									
V O	Anandale	35 48	78 40	385	1	3x	Dec'70	Jun'72		Smithsonian Collection.
V O	Wake Forest	35 54	78 30	409	2	0x	Oct'85	May'89		Bar., Temp. (max. min.), Rain.
V O	Raleigh	35 45	78 37	375	4	10x	Aug'66	Dec'74		Smithsonian Collection.
M D	"			317	2	10	Jul'74	Apl'77		Temp., Hyg., Wind, Clds., Rain.
V O	"				5	2x	Jan'84			Temp., Humidity, Wind, Clds. Rain.
S S	"			375	3	0	Jan'87			2d Order Station.
	EDGECOMBE.									
V O	Tarborough	35 50	77 35	50	1	6	Aug'71	Jan'73		Smithsonian Collection.
W S	"					7x	Jan'83	Aug'88		Also one report in Feb'87.
	WASHINGTON.									
V O	Scuppernong	35 50	76 25	20	3	-	'49	'52	R	Average monthly Temp. Sm. Col.
V O	"					8	Feb'53	Sep'53	R	Smithsonian Collection.
	SWAIN.									
S S	Charleston	35 27	83 23		2	5	Sep'87		T	Special rainfall Station. Name changed to Bryson City.

X Record broken.

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	HAYWOOD.	° ′	° ′						
V O	White Sulphur-Springs....	35 30	83 00	2716	2 2x	Feb'79	Mar'82		(Waynesville)Temp.& Rain.
W S	" "				2x	Dec'86	Feb'87		
	BUNCOMBE.								
V O	Ashville	35 37	82 30	2250	7 4x	Aug'57	Dec'73		Smithsonian Collection.
V O	"				5 7x	Jan'74	Mar'80		Bar.,Temp.,Hyg.,Wind,Rain.
V O	"				8	Nov'84	May'85		Monthly met'l. summaries.
V O	"				9 10	May'67	Feb'75		Table of monthly mean, max.& min. Temp. and Rainfall.
W S	"				6x	Oct'85	Jan'83		
V O	"				1 0	Jan'89			Bar.,Temp.(max.min.),Hygrometer,Wind,Weather,Rain.
S S	"				1 11	Feb'88		T	Special Rainfall Station.
	MC DOWELL.								
V O	Elsworth	35 30	82 20		1 8	Apl'80	Nov'81		Temp.,Hyg.,Wind,Clds.Rain.
	BURKE.								
V O	Morgantown	35 45	81 44	1135	9	Nov'67	Jul'68		Temp.,Humidity,Wind,Clds.,Rain
V O	"				11	Feb'89			Temp.,Humidity,Wind,Rain.
	ROWAN.								
V O	Salisbury	35 40	80 29	760	3	Jan'76	Apl'76		Temp.,Wind,Clouds,Rain.
C R	"				3 0x	Apl'82	Oct'87		
W S	"				2 0	Jan'88			Temp.(max.min.),Rain.
	RANDOLPH.								
V O	Soapstone Mt.	35 46	79 37		10	Mar'89		R	Temp.and miscellaneous monthly summaries.
	CHATHAM.								
W S	Pittsborough	35 42	79 12		7	Jun'89			Temp.(max.min.),Rain.
	P I T T .								
V O	Greenville	35 38	77 23	75	1 4	Apl'77	Oct'78		Bar.,Temp.,Hyg.,Wind,Clds.,R.
	BEAUFORT.								
V O	Washington	35 32	77 04		7x	Feb'89			Bar.,Temp.,Hyg.,Wind,Weather,R
	D A R E.								
S S	Hatteras	35 15	75 40	11	9 1	Dec'80			2d Order Station.
S S	Cape Hatteras	35 14	75 30	8	6 3	Sep'74	Nov'80		2d Order Station (Station moved to Hatteras,Dec.1,1880).

X Record broken.

																			HAYWOOD.
																			0 Write Sulphur-
																			Springs....35 50 85 00 3713 2 2x Feb'79 Mar'82 (Waynesville)Temp.& Rain.
																			" " 2x Dec'85 Feb'87
																			HENDERSON.
																			0 Ashville 35 37 82 30 2260 7 4x Aug'87 Dec'73 Smithsonian Collection.
																			0 " 3 7x Jan'71 Mar'80 Ear.,Temp.,H.C.,Wind,Rain.
																			0 " 8 Nov'84 May'85 Monthly summaries.
																			0 " 9 10 May'37 Feb'73 Table of monthly mean, max.& min. Temp. and Rainfall.
																			" 6x Oct'85 Jan'83
																			V 0 " 1 0 Jan'89 Bar.,Temp.(max.min.),Weather- ter,Wind,Weather,Rain.
																			3 " 1 11 Feb'88 T Special Rainfall Station.
																			MC DOWELL.
																			0 Silverth 25 30 82 20 1 8 Apl'80 Nov'81 Temp.,Hrs.,Wind,Clds.Rain.
																			BUNCOMBE.
																			0 Morganton 31 46 81 44 1135 9 Nov'27 Jul'38 Temp.,Humidity,Wind,Clds.,Rain.
																			0 " 11 Feb'89 Temp.,Humidity,Wind,Rain.
																			POLK.
																			0 Saluda 33 40 80 29 780 3 Jan'76 Apl'78 Temp.,Wind,Clouds,Rain.
																			" " 3 0x Apl'22 Oct'87
																			" " 2 0 Jan'88 Temp.(max.min.),Rain.
																			TRANSYLVA.
																			0 Brevard 44. 30 46 79 37 10 Mar'89 R Temp.and miscellaneous monthly summaries.
																			CHEROKEE.
																			1 Fitzhugh 35 43 79 12 7 Jun'89 Temp.(max.min.),Rain.
																			P I T T .
																			0 Greenville 35 38 77 25 75 1 4 Apl'77 Oct'73 Bar.,Temp.,H.C.,Wind,Clds.,R.
																			BLADEN.
																			0 Washington 45 32 77 04 7x Feb'89 Bar.,Temp.,Hrs.,Wind,Weather,R.
																			D A R E.
																			1 Nettera 33 15 76 40 11 9 1 Dec'20 24 Order Station.
																			1 Cape Hatteras 35 14 75 32 8 8 3 Sep'74 Nov'20 24 Order Station (Station moved to Hatteras,Dec.1,1920).

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		° ′	° ′						
	CHEROKEE.								
V O	Murphy	35 08	84 00		1 10	May'72	Dec'73		Smithsonian Collection.
V O	"				9 5	Jan'74	May'83		Bar., Temp., Wind, Clouds, Rain.
S S	"				2 0	Jan'88		T	Special Rainfall Station
	MACON.								
V O	Franklin	35 12	83 27	2141	1 2x	Apl'72	Jan'74		Smithsonian Collection.
V O	"				5 5x	Jan'74	Sep'81		Temp., Wind, Clouds, Rain.
V O	Highlands	35 05	83 25	3670	7 8x	Jan'77	Feb'85		Temp., Wind, Clouds, Rain. Hygrometer from January, 1879.
V O	"				7	Jun'89			Temp. & Rain.
	JACKSON.								
V O	Forest Hill	35 20	83 14	2217	4 7x	Oct'74	Aug'82		Temp., Weather, Clouds, Rain. Hygrometer from 1877.
	TRANSYLVANIA.								
V O	Brevard	35 15	82 45	2200	2 2	Feb'83	Mar'85		Wind, Clouds, Rain with maximum and minimum Temperature from January, 1884.
	HENDERSON.								
V O	Flat Rock	35 15	82 25	2214	1 9x	Sep'84	Jun'87		Barometer, Temperature, Hygrometer, Wind, Clouds, Rain.
	LINCOLN.								
V O	Lincolnton	35 09	81 12	944	3 7	Jun'84	Dec'87		Temp., Wind, Weather, Rain.
	GASTON.								
Riv	Mount Holly	35 21	81 03		3 11x	Sep'85		T	River and Rainfall observations.

X Record broken.

													CHICAGO.
0	Lurgin		35	08	84	00				1	10	Jan'72	Eve'77	Cultivation Collection.
0	"									3	5	Jan'74	Jan'85	Lur., Temp., Wind, Clouds, Rain.
0	"									2	0	Jan'88		T Special Rainfall Station.
													KENTUCKY.
0	Frankfort		36	12	85	27				1	2x	Apr'72	Jun'74	Semi-monthly Collection.
0	"									5	3x	Jan'74	Sep'81	Temp., Wind, Clouds, Rain.
0	Danville		36	05	85	34	3070	7	3x	Jun'77	Dec'85		Temp., Wind, Clouds, Rain. Thermometer from January, 1879.
0	"									7	Jun'80		Temp. & Rain.
													LOUISIANA.
0	Thibodaux		35	20	83	14	2417	4	7x	Oct'74	Aug'82		Temp., Weather, Clouds, Rain. Hygrometer from 1877.
													MARYLAND.
0	Cresswell		35	15	82	45				2	2	Feb'82	Mar'85	Wind, Clouds, Rain with maximum and minimum Temperature from January, 1884.
													MISSISSIPPI.
0	Flat Rock		35	15	82	25	2414	1	9x	Sep'84	Jun'07		Barometer, Temperature, Hygrometer, Wind, Clouds, Rain.
													LINCOLN.
0	Lexington		36	00	81	12	944	5	7	Jun'84	Dec'87		Temp., Wind, Weather, Rain.
													CALIFORNIA.
0	Mount Hally		35	21	81	00			5	11x	Sep'85		T River and Rainfall observations.

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		°	′	°	′							
	MECKLENBURGH.											
V O	Davidson College,.....	35	30	80	53	850	1	9x	Jan'58	Dec'59		Smithsonian College.
W S	" "							6x	Feb'87	May'88		
V O	Charlotte	35	13	80	51	808	3	8	Nov'71	Jun'75		Temperature, Wind, Clouds, Rain. Barometer and Hygrometer from February, 1873.
S S	"						11	3	Oct'78			2d Order Station.
	CABARRUS.											
V O	Mount Pleasant	35	28	80	28	600	1	3	Apl'74	Jun'75		Temp., Wind, Clouds, Rain.
W S	" "						3	0	Jan'87			
W S	Clear Creek	35	14	80	30			6	Jul'89			Temperature & Rain.
	STANLEY.											
V O	Attaway Hill	35	25	80	12	850		7	Apl'61	Oct'61		(Near Albemarle). Smithsonian Collection.
V O	" "						8	0	Jan'67	Dec'73		Smithsonian Collection.
V O	" "						3	7	Jan'74	Jul'77		Temperature, Wind, Clouds, Rain.
	MOORE.											
V O	Southern Pines							9x	Feb'89			Temperature, (maximum and minimum), Hygrometer, Wind, Weather and Rain.

X Record broken.

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		°	′	°	′							
	CUMBERLAND.											
V O	Fayetteville	35	06	78	53	170	2	2	Feb'71	Mar'72		Smithsonian Collection.
V O	"						2	5x	Feb'78	Mar'82		Temp.,Hyg.,Wind,Clouds,Rain.
V O	"							7	Apl'89	Sep'89		
	HARNETT.											
W S	Winslow	35	30	78	45			5	Aug'89			Temp.(max.min.),Rain.
	WAYNE.											
V O	Goldsborough	35	23	78	00	102	7	2x	Jan'56	Dec'73		Smithsonian Collection.
V O	"						4	4	Jan'74	Jun'78		Temp.,Wind,Clouds,Rain.
C R	"						4	1x	Apl'82			
	CRAVEN.											
C R	New Berne	35	07	77	05	12	3	3x	Apl'84			
	UNION.											
W S	Monroe	34	59	80	34	586	2	0	Jan'88			Temp.(max.min.),Rain.
	ANSON.											
C R	Wadesborough	35	00	80	04		4	0x	Apl'82			
	DUPLIN.											
V O	Kenansville	34	58	77	55	60	2	0x	Mar'68	May'70		Smithsonian Collection.
	ONSLOW.											
S S	New River Inlet	34	32	77	18		4	5	Aug'82	Dec'86		3d Order Station.
	CARTARET.											
V O	Fort Macon	34	42	76	40	20	5	5x	Oct'33	Aug'49		Rain from Jan'79. Sm.Col.
M D	" "						2	10	Jul'74	Apl'77		Temp.(max.),Wind,Clds.,Rain.
S S	" "					11	6	0	Jan'81	Dec'86		2d Order Station.
M D	Beaufort	34	43	76	41	1/2	1	2x	Jun'38	Dec'64		Temp.,Hyg.,Wind,Weather,Rain.
V O	"							11	Feb'72	Dec'72		Smithsonian Collection.
S S	Portsmouth	35	02	76	04	5	8	10x	May'76	Aug'85		2d Order;changed to 3d Order, August,1883.
S S	Cape Lookout	34	36	76	36	15	4	7	May'76	Dec'80		2d Order Station.
S S	" "							7	Feb'85	Jul'85		3d Order Station.
	ROBESON.											
C R	Lumberton	34	38	78	59		4	1	Apl'82			
	PENDER.											
S S	Scott's Hill	34	20	77	44		2	5x	Sep'82	May'85		3d Order Station.(Sloop Point).

X Record broken.

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		° ′	° ′							
	NEW HANOVER.									
S S	Wilmington	34 14	77 57	52	19	0	Jan'71			2d Order Station.
W O	"				5	9x	Dec'73	May'81		Bar., Temp., Hyg., Wind, Clds. Rain.
	BRUNSWICK.									
M D	Fort Johnson	33 55	78 01	20	1	7	Jan'44	Jul'45	T	Smithsonian Collection.
M D	" "				6	3	Jan'71	Mar'77		Temp. (max. min.), Hygrometer, Wind, Weather, Rain.
V O	Smithville	33 55	78 01	20	19	2x	Jan'22	Jun'74	R	Smithsonian Collection.
S S	Southport	33 55	78 01	34	14	2	Sep'75			2d Order.; changed to 3d Order Station Nov. 1, 1886. The name of this station was changed from Smithville to Southport on June 2d, 1887.
V O	Bethmont	36? --	79? --		1	0	Jan'50	Dec'50	R	Smithsonian Collection

X Record broken.

| | | |

Fragmentary records of less than a year in length are on file from the Following Stations:

NORTH CAROLINA.

Station.	County.	Station.	County.	Station.	County.
Lakersville	Mitchell	Hanging Dog	Cherokee	Oak Ridge	Guilford
Delwood	Cleveland	Kingston	Lenoir	Ogreeta	Cherokee
Bristol	?	Kelley's	Bladen	Rutherford	Rutherford
Clarkton	Bladen	Louisburg	Franklin	Roan Mountain	Mitchell
Elk Park	Mitchell	Marlborough	Pitt	Rock Springs	Hillsborough
Elk Knob	Walaga	Maxton	Robeson	Salem	Forsyth
Grover	Cleveland	Mt.Mitchell	Yancey	Saluda	Polk
Greenwood	Moore	Marion	McDowell	Smithfield	Johnston
Home	Bladen	Mount Olive	Wayne	Trinity College	Randolph
High Point	Guilford	Ore Knob	Ashe	Wilson Westminster	Wilson Guilford.

Note:-Cotton Region Stations of the Signal Service take observations of maximum and minim temperature and rainfall daily from April to October inclusive of each year.

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		° ′	° ′							
	BUFORD									
M D	Ft. Buford	48 01	103 53	1900	12	2	Sep'63	Jan'79		Bar. temp. (max-min) rain. wind.
S S	"				10	11	Feb'79			Full observations.
S S	Tobacco Garden	48 05	103 36		1	4	Feb'82	May 83		Temp (max-min) rain. wind.
	PEMBINA									
S S	Pembina	48 53	97 10	791	8	10	Nov'72	Aug'80		Full observations (moved to St. Vincent)
M D	Fort Pembina	48 57	97 03	750	17	8x	Aug'71			Temp (max-min) rain. wind.
	RAMSEY									
M D	Fort Totten	47 59	98 57	1480	20	1x	Aug'69			Temp (max-min) rain. wind.
S S	"				6	0	Jan'84			Full observations.
	STEVENS									
M D	Ft. Stephenson	47 36	101 29	1734	14	4	Aug'67	Apl'83		Temp (max-min) rain. wind.
S S	"				4	5x	Jan'79	May 83		Full observations.
	GRIGGS									
V O	Gallatin	47 21	98 01		1	8	Feb'88	Dec'89		Temp. rain. wind.
	STARK									
V O	Richardton	46 53	102 16	2464	4	0x	Feb'84	Jul'88		Temp. rain. wind.
	BURLEIGH									
S S	Bismarck	46 47	100 38	1681	15	4	Sep'74			Full observations.
	KIDDER									
V O	Steele	46 55	99 58		0	9	Apl'89			Temp (max-min). rain. wind.
	STUTSMAN									
M D	Fort Seward	46 55	98 49		4	9	Jan'73	Sep'77		Temp (max-min). rain. wind. (St. Cross)
	CASS									
W S	Davenport	46 45	97 05		1	0	Jan'89			Temp. rain.
V O	Leech Farm	46 50	96 45	975	1	9	Apl'88			Temp (max-min), rain. wind.
	HETTINGER									
V O	New England City	46 34	102 57	2400	1	6	Jul'88			Temp (min). rain. wind.
	LOGAN									
W S	Napoleon	46 03	99 50		0	8	May 89		T	Rain. wind.
	MORTON									
M D	Ft. Abraham Lincoln	46 45	100 52	1914	14	4x	Jul'73			Temp (max-min). rain. wind.
M D	Fort Rice	46 30	100 36	2200	10	4x	Jul'68	Oct'78		Temp (max-min) hyg. rain. wind. N. Dak. 1

X Record broken.

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		° ′	° ′						
	DOREMAN								
M D	Fort Yates	46 11	100 34	1670	8 0x	Jan'82			Bar.temp(max-min).rain.
S S	"				7 10x	Sep'82			Temp(max-min).rain.wind.
	RANSOM								
M D	Fort Ransom	46 30	97 55	1438	3 7	Dec'68	Jul'72		Temp.hyg.rain.wind.
	RICHLAND								
M D	Ft.Abercrombie	46 24	96 46		15 3x	Aug'60	Oct'77		Temp(max-min)hyg.rain.wind.
V O	Wahpeton	46 20	97 00	975	0 6	Jul'89			Temp(max-min).rain.

List of Stations having less than one year's record and which are now not in operation.

Station	County
Fort Berthold	Garfield
Devil's Lake, City of	Ramsey
Carrington	Foster
Fargo	Cass
Farmington	Richland
Grand Forks	Grand Forks
Mandan	Morton
Medora	Billings
Spiritwood	Stutsman

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		° ′	° ′						
	FULTON								
V O	Wauseon	41 36	84 7	800	16 0x	Jan'70			Bar.Temp. (max.min.) Hyg.Wind, Rain. Jan'70 to Apl'83 incl. Summaries of Temp. & Rain.
	LUCAS								
V O	Toledo	41 40	83 34	673	10 6	Jan'60	Jun'70		Sm.Col.
S S	"				19 2	Nov'70			2d Order station.
	OTTAWA								
V O	North Bass Isld	41 42	82 46	587	3 5	Jun'69	Oct'73		Sm. Col.
	LAKE								
V O	Arcola	41 48	81 6	620	7 10x	Dec'54	Feb'63		Sm. Col. (Madison & Unionville)
V O	Little Mountain	41 38	81 16	1180	6 6x	Jan'67	Dec'73		Sm. Col.
V O	" "				7 8x	Jan'74	Oct'81		Bar.Temp.Hyg.Wind,Clds.& Rain. (Painesville).
	ASHTABULA								
V O	Austinsburg	41 48	80 54	816	3 2x	Nov'62	Feb'66		Sm. Col.
V O	Jefferson	41 44	80 52		2 6x	Mar'56	Dec'58		Sm. Col. Temp. & 11 mos. Rain.
V O	"				10x	Apr'84	Jul'85		Bar.Temp.Wind,Rain.
W S	"				2 11	Feb'87			Bar.Temp.(max.min.) Humid.Wind, Rain.
V O	Saybrook	41 52	80 53	650	2 5x	Feb'62	Apr'63		Sm. Col.
	HENRY								
V O	Napoleon	41 22	84 7	682	4 5	Aug'85			Bar.Temp.(max.min.) Hyg. Wind, Rain.
	WOOD								
V O	Bowling Green	41 25	83 40	675	11 4x	Jul'57	May'72		Sm. Col.
V O	" "				1 5	Jan'73	May'74		Temp.(max.min.) Rain.
V O	Perrysburg	40 35	83 36		4 1x	Mar'54	Apr'58		Sm. Col.
	SANDUSKY								
V O	Clyde	42 5	82 00	700	1 3x	May'85	Aug'86		Bar.Temp.(max.min.) Wind,Rain.
	ERIE								
V O	Berlin Heights	41 19	82 37		1 0	Jan'73	Dec'73		Sm. Col.
V O	" "				1 8x	Jan'74	Oct'75		Temp. Wind,Clouds,Rain.
V O	Kelleys Island	41 36	82 43	587	12 1	Apr'59	Apr'71		Sm. Col.
V O	Margaretta Twp.	41 27	82 46	850	14 11	Jan'59	Nov'73		Sm. Col,
V O	" "				11 2	Dec'73	Jan'85		Bar.Temp.(max.min.)Hyg.Wind, Clouds,Rain.
S S	Sandusky	41 25	82 40	629	12 1	Aug'77			2d Order station.

X Record broken.

[illegible]

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		°	′	°	′							
	LORAIN											
V O	Avon	41	27	82	4		1	3x	Oct'56	Dec'59		Sm. Col.
V O	Elyria	41	23	82	7			3	Nov'74	Jan'75		Sm. Col.
V O	"						3	7	May'86			Temp.(max.min.) Wind, Rain.
V O	Oberlin	40	20	82	12	800	7	7x	Jan'54	Jul'73		Sm. Col.
V O	"						3	0x	Mar'49	Jun'52	T	Sm. Col. Average monthly rain.
V O	"							9x	Jan'74	Oct'79		Bar.Temp.Hyg. Wind,Clds.Rain.
W S	"						7	0	Nov'82			Bar.Temp.(max.min.)Humid.Wind, Rain.
	CUYAHOGA											
V O	Clement							5	Aug'89			
V O	Berea	41	25	81	52	741	1	1x	Mar'55	Nov'72		Sm. Col.
V O	Cleveland	41	30	81	42	678	21	5x	Jan'40	Oct'70		Sm. Col.
S S	"						19	2	Nov'70			2d Order station.
V O	"						16	0	Jan'74			Temp.(max.min.)Wind,Clds.Rain.
V O	Collinwood	41	32	81	30	593	3	6	Jun'53	Dec'59		Sm. Col. Rainfall broken.
V O	"						1	4	Jun'88	Sep'89		
V O	East Cleveland	41	31	81	34	653	9	10x	Jan'40	Jul'63		Sm. Col. Temp. & 1 yr. rain.
V O	Rockport	41	30	81	4	665	4	11	Jan'59	Dec'63		Sm. Col. (Also 5 yrs annual temp. '54 to '58 incl.)
	GEAUGA											
V O	Montville	41	7	81	52	1255	4	5	Oct'58	Feb'63		Sm. Col.
V O	Welshfield	41	23	81	12	1205	9	0	Mar'57	Mar'66		Sm. Col.
	PAULDING											
W S	Junction	41	15	84	20	722	1	8x	Dec'83	Feb'83		Temp.Wind,Rain.
W S	Paulding	41	9	84	36	734	2	7x	Sep'85	Aug'88		Bar.Temp.(max.min.)Humid.Wind, Rain.
	SENECA											
V O	Fostoria	41	10	83	20	770		8	Nov'85	Jun'86		Temp.Wind,Clds.,Rain.
W S	"						1	1x	Oct'88			Bar.Temp.(max.min.)Humid.Wind. Rain.
V O	Tiffin	41	10	83	8	765		7	Apr'73	Oct'73		Sm. Col.
V O	"						7	3x	Mar'74			Bar.Temp.(max.min.)Hyg.Wind, Rain.

X Record broken.

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		°	′	°	′							
	HURON											
V O	Bellevue	41	15	82	50		1	10	Mar'88			Temp., Wind, Rain.
V O	No. Fairfield	41	10	82	36	630	6	2	Jan'67	Mar'73		Sm. Col,
V O	Norwalk	41	10	82	36		8	0x	Oct'54	Dec'63		Sm. Col.
V O	"						2	0x	Aug'78	Sep'80		Bar. Temp. Wind, Clds. Rain.
V O	Ripley Twp.	41	5	82	36	965	4	0x	Jan'67	May'73		Sm. Col.
	MEDINA											
V O	Medina	41	7	81	42	1206	1	9	Jan'57	Sep'58		Sm. Col.
V O	Seville	41	0	81	47	1075	1	4x	Jan'61	Dec'62		Sm. Col.
W S	Weymouth	41	12	81	48		5	8	Apr'84			Temp. Wind, Rain.
	SUMMIT											
W S	Akron	41	5	81	20	1080	2	8	May'87			Bar. Temp. (max. min.) Hum. Wind, Rain.
V O	Hudson	41	15	81	26	1137	11	2x	Mar'38	Nov'73		Sm. Col.
V O	"						8	3x	Jan'74	May'82		Bar. Temp. Wind, Clds. Rain.
W S	"						5	0x	Oct'84		T	
	PORTAGE											
V O	Edinburgh	41	6	81	10	520	1	10	Mar'57	Dec'58		Sm. Col.
V O	Freedom	41	16	81	12	1100	1	11	May'59	May'62		Sm. Col.
V O	Garrettsville	41	18	81	15	1020	1	3x	Aug'61	May'63	R	Sm. Col.
V O	"						6	0x	Oct'78			Bar. Temp. (max. min.) Hyg. Wind, Rain.
V O	Hiram	41	19	81	9	765	3	9x	Sep'55	Oct'60		Sm. Col.
V O	"						3	9x	Feb'84	Apr'88		Bar. Temp. (max. min.) Hyg. Clds. Wind & Rain.
W S	"						1	8	May'88			Bar. Tem. (max. min.) Hum. Wind, Rain
V O	Kent	41	9	81	23				Feb'89			Temp. (max. min.) Rain.
V O	Windham	41	10	81	5		2	10	Mar'57	Dec'59	R	Sm. Col.
	TRUMBULL											
W S	Lordstown	41	10	80	52	1000	2	2x	Jan'85	Apr'87	T	
V O	"						2	1x	May'87			Bar. Temp. (max. min.) Rain.
V O	Orangeville	41	20	80	33			10	Mar'89			Temp. (max. min.) Rain.
V O	Vienna	41	15	80	40			10	Mar'89			Temp. (max. min.) Wind, Rain.
W S	Warren	41	15	80	47	901	3	9	Nov'82	Jul'86		Temp. Humid. Wind. Rain.
	PUTNAM											
W S	Ottawa	41	2	81	4		1	5	Aug'88		T	

X Record broken.

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	HANCOCK	°	′	°	′							
W S	Findlay	41	0	83	35	1200	1	6x	Mar'86			Bar.Tem.(max.min.)Hum.Wind,Rain.
V O	Hassan	40	51	83	48			1		Dec'89	R	
	WYANDOT											
W S	Upper Sandusky	40	44	83	16	880	7	2	Nov'82			Bar.Tem.(max.min.)Hum.Wind,Rain
	CRAWFORD											
V O	Bucyrus	40	48	83	0			1		Dec'89		Temp.(max.min.) Rain.
	RICHLAND											
W S	Langerville	40	36	82	30	1250	3	0	Jan'87			Bar.Tem.(max.min.)Hum.Wind,Rn.
V O	Mansfield	40	46	82	36	900		9x	Jun'51	Mar'52	R	Sm. Col.
S S	"						2	5	Aug'87			Special Rainfall station.
V O	Shiloh	40	57	82	36			8	May'89			Temp.,Wind,Rain.
	ASHLAND											
W S	Ashland	40	53	82	20		1	5	Aug'88			Temp.(broken),Rain.
V O	Ruggles	41	1	82	30		1	5	Aug'72	Dec'73		Sm. Col.
V O	"						15	2	Jan'74	Apr'89		Temp.Wind,Rain.
V O	Savannah	41	2	82	24	1098	10	7x	Jan'54	Jul'72		Sm. Col.
	WAYNE											
V O	Smithville	40	52	81	50	934	1	1x	Oct'64	Sep'69		Sm. Col.
V O	Wooster	40	49	81	56	872	6	4x	Jul'49	Dec'72		Sm. Col. Temp.1 yr.3mos. Rain.
V O	"						5	7x	Feb'74	May'82		Bar.Tem.Wind,Clds.Rain.
W S	"						2	9x	Jan'83			Bar.Tem.(max.min.)Hum.W.R.
S S	"						2	6	Jul'87			Special Rainfall station.
	STARK											
W S	Canton	40	48	81	25	1070	4	7x	Nov'82			Bar.Tem.(max.min.)Hum.W.R.
S S	"						2	3x	Jul'87			Special Rainfall station.
	MAHONING											
W S	Ellsworth	41	3	80	54		4	7x	Jan'85		T	
V O	Poland	41	2	80	38			10	Mar'89			
W S	Youngstown	41	6	80	39	855	4	6	Jul'85			Bar.Tem.(max.min.)Hum.W.R.
	COLUMBIANA											
V O	East Fairfield	40	47	80	45	1152	7	[illegible]	Aug'59	May'67		Sm. Col. (Elk Run).
V O	New Lisbon	40	45	80	50	961	13	3x	Jan'55	Jul'71		Sm. Col.
V O	Salem	40	54	80	54	950	4	0	Jan'70	Dec'73		Sm. Col.
V O	"							2	Jan'77	Feb'77		Temp.,Wind,Rain.

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	COLUMBIANA	°	′	°	′							
W S	Salem	40	54	80	54	950	1	4x	Jan'85	Sep'87	T	
V O	Salineville	40	40	80	50			6x	Mar'89		R	
	ALLEN											
V O	Lima	40	45	84	6		23		Jan'65	Dec'87		Temp., Rain (broken).
	MERCER											
V O	Carthagena	40	28	84	33		3	4	Sep'70	Dec'73		Sm. Col.
V O	"						3	7	Jan'74	Jul'77		Bar.Tem.Hyg.Clds.Wind,Rain. (Theological Seminary.)
W S	Celina	40	35	84	35	890	2	4	Sep'87			Bar.Tem.(max.min)Hum.W.R.
	AUGLAIZE											
W S	New Bremen	40	31	84	23	981	2	11x	Aug'84	Jan'88		Bar.Tem.(max.min.)Hum.W.R.
W S	Wapakoneta	40	39	84	13	900	2	10x	Aug'83			Bar.Tem.(max.min.)Hum.W. R.
	HARDIN											
V O	Kenton	40	39	83	35	1562	7	4x	Apr'62	Oct'73		Sm. Col.
V O	"						4	3x	Nov'73			Temp.,Wind,Clouds,Rain.
S S	"						2	5	Aug'87			Special Rainfall station.
	MARION											
S S	Caledonia	40	38	83	3		2	5	Aug'87			Special Rainfall station.
V O	Marion	40	37	83	7	1077	8	11	Feb'65	Dec'73		Sm. Col.
V O	"						3	8x	Jan'74	Nov'83		Temp.,Wind,Clouds,Rain.
	TUSCARAWAS											
V O	Canal Dover	40	34	81	29		1	8	Oct'82	May'84		Temp.,Wind,Rain.
V O	Gilmore	40	18	81	20	1180	1	3x	Jan'69	Aug'70		Sm. Col.
W S	Newcomerstown	40	23	81	33	798	3	9	Apr'86			Bar.Tem.(max.min.)Hum.W. R
V O	Shanesville	40	31	81	39			9	Apr'89		R	
	CARROLL											
V O	Carrollton	40	36	81	6			10	Mar'89			
	SHELBY											
V O	Sidney	40	18	84	10		1	2x	Sep'56	Dec'57		Sm. Col.
W S	"						6	8x	Jan'83			Bar.Tem.(max.min.)Hum.W. R.
S S	"						2	5	Aug'87			Special Rainfall station.
	LOGAN											
V O	Lellefontaine	40	23	83	40	1237	6	7x	Dec'55	Dec'73		Sm. Col.
V O	"						8	7	Jan'74	Jul'82		Temp.Wind,Clouds,Rain.
V O	Northwood	40	30	83	45	1170	2	4x	Feb'54	Mar'61		Sm. Col. (Belle Centre) (Geneva Hall).

X Record broken.

												COLORADO
S	Salem	40	54	90	84	980	1	4x	Jan'85	Sep'87	T	
O	Salisbury	40	40	80	80			3x	Mar'85		R	
												ALLEN
O	Lima	40	45	84	8		23		Jan'85	Dec'87		Temp., Rain (broken).
												BERKS
O	Cartiadgena	40	28	84	35		3	4	Sep'70	Dec'73		Sn. Col.
O	"						3	7	Jan'74	Jul'77		Lar.Tem.Hyg.Clds.Wind,Rain. (Theological Seminary.)
S	Celina	40	35	84	35	890	2	4	Sep'87			Lar.Tem.(max.min)Hum.W.R.
												AUGLAIZE
S	New Bremen	40	31	84	23	981	2	11x	Aug'84	Jan'88		Lar.Tem.(max.min.)Hum.W.R.
S	Wapakoneta	40	39	84	13	900	2	10x	Aug'83			Par.Tem.(max.min.)Hum.W. R.
												BUTLER
O	Kenton	40	39	83	35	1800	7	4x	Apr'02	Oct'76		Sn. Col.
O	"						4	3x	Nov'73			Temp., Wind, Clouds, Rain.
T	"						2	5	Aug'87			Special Rainfall station.
												CLARION
O	Caledonia	40	28	83	5		2	5	Aug'87			Special Rainfall station.
O	Marion	40	37	83	7	1077	8	11	Feb'85	Dec'73		Sn. Col.
O	"						3	8x	Jan'74	Nov'83		Temp., Wind, Clouds, Rain.
												TUSCARAWAS
O	Canal Dover	40	34	81	29		1	8	Oct'82	May'84		Temp., Wind, Rain.
O	Gilmore	40	18	81	20	1130	1	3x	Jan'89	Aug'70		Sn. Col.
T	Harpersfield	40	23	81	33	708	3	9	Apr'85			Lar.Tem.(max.min.)Hum.W. R.
T	Shanesville	40	31	81	39			9	Apr'89		R	
												CLINTON
O	Carrollton	40	33	81	6			10	Mar'85			
												SHELBY
O	Sidney	40	18	84	10		1	3x	Sep'80	Dec'87		Sn. Col.
O	"						6	8x	Jan'90			Lar.Tem.(max.min.)Hum.W. R.
S	"						2	5	Aug'87			Special Rainfall station.
												LOGAN
O	Bellefontaine	40	22	83	45	1327	5	7x	Dec'66	Dec'73		Sn. Col.
O	"						3	7	Jan'74	Jul'80		Temp.,Wind,Clouds,Rain.
O	Rushsylva	40	30	83	45	1170	2	4x	Feb'54	Mar'81		Sn. Col. (Belle Centre) (Zanesfield).

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	KNOX								
W S	Levering	40° 31	82° 35	1250	4 2x	Nov'82	May'87		Temp.(max.min.)Hum.,Wind,Rain.
V O	Gambier	40 24	82 23	1000	1 6x	Jun'69	May'73		Sm. Col.
W S	"				2 0x	May'83	Aug'87		Bar.Tem.(max.min.) Humid.Wind Rain. (Kenyon College).
	COSHOCTON								
V O	Keene	40 23	81 53		3 0	Jun'49	Jul'52		Sm. Col. Average monthly rainfall. (One mo.tem. & Rain, Jan'54).
	HARRISON								
V O	New Athens	40 16	81 4		4x	Jul'43	Jun'44		Sm. Col.
V O	"				3 2x	Dec'81	Oct'89		Bar.Tem.(max.min)Wind,Clds. Rain. (Franklin College).
	JEFFERSON								
W S	New Alexandria	40 15	80 45	1050	4 9	Apr'85			Tem.(max.min)Hum.Wind,Rain,
V O	Steubenville	40 25	80 41	670	40 8x	Dec'30	Sep'71		Sm. Col.
	DARKE								
W S	Greenville	40 7	84 50	976	3 10	Feb'86			Bar.Tem.(max.min)Hum.W. R.
	MIAMI								
V O	Troy	40 3	84 11	1103	4 4x	Jan'59	Oct'63		Sm. Col. (Mt. Ida).
W S	"				2 1x	May'84	Jul'87	T	
V O	West Milton	39 59	84 10		4 1	Dec'85			Bar.Tem.(max.min)Wind,Rain.
	CHAMPAIGN								
V O	North Lewisb'g	40 11	83 35	1030	45 2	Jan'33	Feb'77		Sm. Col. Temp.,Rain ('72 to '7 (Annual rainfall '52 to '71 in
V O	"				12 10	Mar'77			Bar.Tem.(max.min)Hyg.Clds.W.R.
V O	Urbana	40 6	83 43	1015	18 2	Jan'54	Nov'73		Sm. Col.
V O	"				5 10x	Dec'73	Mar'80		Bar.Temp.Wind,Clds,Rain.
	CLARKE								
V O	Springfield	39 56	83 46		6x	Jan'69	Sep'70		Sm. Col.
W S	"				11x	Sep'85	Jul'87		Rain & 1 mo. Temp.
	FRANKLIN								
V O	Columbus	39 58	83 0	837	1 2x	Apr'42	Sep'45		Sm. Col.
V D	"				1 10x	Dec'62	May'65		Bar.Temp.Hyg.Wind,Rain. (Camp Dennison).
S S	"				11 6	Jul'73			2d Order station.
M D	Columbus Wks.	39 58	83 0	700	2 9x	Oct'76			Tem.(max.min.)Clds.Wind,Rain.

X Record broken.

Leverington	40	31	82	35	1850	4	2x	Nov'83	Jay'37
Lincoln	40	34	80	23	1000	1	8x	Dec'30	Jay'72
"						2	0x	Jay'16	Jay'87
Lewisville									
Texas	40	22	81	32		3	0	Jun'40	Jul'23
Lexington									
Cow Creek	4-	13	81	4				Jul'40	Jun'14
"						2	1x	Dec'81	Oct'80
Lincoln									
Springfield	12	30	46	1030		4	9	Apr'83	
Springville	1-	13	80	41	970	4-	8x	Dec'8-	Ser'71
Stone									
Jeffersville	10	7	84	80	976	2	10	Feb'83	
Tyler	40	3	84	11	1102	4	4x	Jan'83	Oct'83
"						2	1x	Jay'91	Jul'87
West Point	23	89	94	10		1	1	Dec'85	
Wright									
Wright Junction	40	11	83	35	1060	4-	2	Jan'23	Jan'77
"						12	10	Mar'77	
Yorktown	40	5	80	12	1010	10	2	Jan'21	Nov'72
"						6	10	Dec'72	Mar'80
Zanesville									
Dynamite	39	56	83	41		3x	Jan'30	Sep'78	
"						11	Jay'83	Jul'37	
Zeppelin									
Airship	22	17	81	1	847	1	2x	Apr'42	Sep'46
						1	10	Dec'21	Jay'61
						11	3	Jul'72	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	8x	Jan'72	

Tex. (max.min.) Hum., Wind, Rain.
Sn. Col.
Tar. Tem. (max.min.) Humid. Wind
Rain. (Kenyon College).

Sn. Col. Average monthly rain-
fall. (Ohio Ag. Tem. & min.,
Jun'84).

Sn. Col.
Mar. Tem. (max.min) Wind, Clds.
Rain. (Franklin College).

Tem. (max.min) Hum. Wind, Rain,
Sn. Col.

Tar. Tem. (max.min) Hum. R.

Sn. Col. (1 t. Ida).

Tar. Tem. (max.min) Wind, Rain.

Sn. Col. Tem., Rain ('72 to '77
(Annual Rainfall '82 to '71 inc
Tar. Tem. (max.min) Hyg. Clds. R.
Sn. Col.
Tar. Temp. Wind, Clds, Rain.

Sn. Col.
Rain & 1 yr. Temp.

Sn. Col.
Tar. Temp. Hyg. Wind, Rain. (Ohio
Kenyon).
21 Order station.
Tem. (max.min.) Hum. Wind.

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	FRANKLIN Con.									
V O	Elmwood	40° 05	83° 03	900	1	3x	Jun'70	Dec'71		Sm.Col.Temp.,rain.
V O	Westerville	40 04	82 56	860	14	7x	Jan'58	Dec'73		Sm.Col.Temp.,rain.
V O	"				15	10x	Jan'74			Bar.temp.(max-min)hyg. wind and rain.
W S	Ohio State - University	40 00	83 01	757	7	2	Nov'82			Bar.temp,(max-min)hum.wind direc.rain(near Columbus)
	LICKING									
V O	Croton	40 13	82 38		3	0	Mar'60	Mar'63		Sm.Col.Temp.rain.(Halcyon Academy) (Hartford)
V O	Granville	40 03	82 30	995	18	7x	Jan'37	Feb'57		Sm.Col.Temp.rain.
W S	"				4	7x	Nov'82			Bar.temp(max-min)hum.wind direc.rain.
V O	Gratiot	39 59	82 14			4	Sep'89			Temp.,rain.
V O	Newark	40 07	82 28	825	3	0x	Jan'55	Aug'63		Sm.Col.Temp.rain.
	MUSKINGUM									
V O	New Concord	40 03	81 44		1	0	May'49	Apl'50		Sm.Col.Temp.rain.
V O	Zanesville	39 56	82 07	700	3	0x	Apl'43	Nov'59		Sm.Col.Temp.rain.
Riv	"				1	10x	Aug'87		T	Rain
	GUERNSEY									
V O	Kilnersville	40 10	81 37		10	7x	May'62	Dec'73		Temp.rain.
V O	"						Jan'74	May'74		Bar.temp.wind clds rain (New Birmingham)
W S	Quaker City	39 38	81 16	1200	6	3x	Nov'82	Mar'89		Bar.temp(max-min)hum.wind. direc.rain.
	BELMONT									
V O	Demos	40 01	80 59		1	5	Aug'88			Temp(max-min)rain
V O	Martin's Ferry	40 10	80 45		1	7x	Jan'67	Feb'72		Temp.rain.
V O	St.Clairsville	40 08	80 55	600	2	0	Nov'49	Oct'51		Sm.Col.Average monthly temp and rain.
	MONTGOMERY									
V O	Dayton	39 44	84 08	900	2	0x	Jan'45	Mar'73		Sm.Col.Temp.rain.
W S	"				7	2	Nov'82			Bar.temp (max-min)hum.wind. direc.rain(Cooper's Female Seminary and City)
V O	Germantown	39 36	84 20	720	6	0	Dec'50	Dec'56	T	Average monthly rainfall
V O	"				3	0	Jan'54	Dec'56		Sm.Col.Temp.rain.
	GREENE									
V O	Yellow Springs	39 45	83 15	1019		2	Oct'45	Nov'43	R	Sm.Col.Temp. Bar.temp.(max-min)hyg.wind

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		°	′	°	′							
	FAYETTE											
W S	Washington	39	31	83	34	960	3	8x	Dec'82	Jul'88		Bar.Temp(max-min)hum.wind direc.rain.
	PICKAWAY											
Riv	Circleville	39	37	82	57		2	4	Sep'87		T	Rain.
V O	New Holland	39	37	83	06		1	9x	Oct'67	May'72		Sm.Col.Temp.rain(1 1-2 miles S.W.of Williamsport)
V O	Tarlton	39	37	82	45		1	0	Dec'50	Nov'51	R	Sm.Col.Temp.
	FAIRFIELD											
V O	Lancaster	39	42	82	34	923	2	1x	Apl'43	Jan'59		Sm.Col.Temp.rain.
	MORGAN											
W S	Mc.Connellsville	39	50	81	04	704	5	9	Apl'84			Bar.temp(max-min)hum.wind direc.rain(Dec'85 V O Rept)
V O	Pennsville	39	35	81	50	555	1	11x	Jun'70	Sep'72		Sm.Col.Temp.rain.(Quaker Ridge)
V O	Ringgold	39	36	82	00	670	5	6x	Jan'75	Aug'80		Temp.wind.clds.rain.
	BUTLER											
V O	Jacksonborough	39	32	84	30		21	6	May'68			Temp(max-min) wind.rain.
V O	Oxford	39	30	84	44	950	9	9x	Jan'64	Dec'73		Sm.Col.Temp.rain.
	WARREN											
V O	Lebanon	39	28	84	10		2	2x	Jul'43	May'48		Sm.Col.Temp.rain.(2 miles S.E. of) (Jul'43 to Mar'50 3 yrs. 5 mos.average monthly rainfall
W S	"						2	2x	Dec'82	Apl'85		Temp.(max-min)hum.wind.direc. rain.
W S	Springborough	39	37	84	14		3	4x	Jul'84		T	Rain.
W S	Waynesville	39	32	84	03		4	10x	Jan'85		T	Rain
	CLINTON											
W S	Clarksville	39	25	84	12	1010	3	4	Sep'80			Bar.temp max-min)hum.wind. direc.rain.
W S	Wilmington	39	28	83	48		2	6x	Apl'84	Mar'87	T	Rain
	ROSS											
V O	Chillicothe	39	22	82	52		1	0	Jan'19	Dec'19	R	Sm.Col.Temp.(Rept.Brit. Assn.of 1847.)
V O	"						1	8	Feb'74	Sep'75		Temp.wind.clds.rain.

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		°	′	°	′							
	ROSS Con.											
V O	Kingston	39	26	82	49	692	3	8x	Nov'63	Dec'67		Sm.Col.Temp.rain.
	HOCKING											
W S	Logan	39	35	82	19	730	6	2	Oct'83			Bar.temp(max-min)hum.wind. direc.rain.
	ATHENS											
V O	Athens	39	20	82	02	753	1	11x	Feb'43	Dec'52	R	Sm.Col.Temp.
W S	"						1	9	Apl'88			Bar.temp(max-min)hum.wind. direc.rain.
	WASHINGTON											
V O	Harmar	39	27	81	27	331	1	1x	Feb'60	Mar'61	R	Sm.Col.(1 1-2 miles W of Marietta)
V O	Marietta	39	30	81	26	580	50	11x	Nov'17	Dec'70		Sm.Col.Temp.rain.
Riv	"						15	0	Jan'75		T	Rain
W S	"						7	2	Nov'82			Bar.temp(max-min)hum.wind direc.rain.
	HAMILTON											
V O	Chevict	39	07	84	34		1	3	Oct'55	Dec'56		Sm.Col.Temp.broken rain.
W S	"						7	3x	Jan'74	May'81	T	Rain.
V O	Cincinnati	39	06	84	30		2	0	1806	1813	R	Sm.Col.monthly temp.
V O	"						35	8x	Jan'35	Oct'70		Sm.Col.Temp.rain.
V O	"						12	0x	Jan'74	Apl'86		Bar.temp.wind direc.rain (Woodward High School)
S S	"					628	19	2	Nov'70			Full Obs.and river.
V O	College Hill	39	19	84	35	800	49	3x	Jan'14	Dec'73		Sm.Col.Temp.rain.
V O	"						15	10x	Jan'74			Bar.temp(max-min)hyg.wind. clds.rain.
V O	Cumminsville	39	06	84	27	940	1	3x	Jun'71	Aug'72		Sm.Col.Temp.rain.
V O	Mount Auburn	39	07	84	31	470	7	1x	Jan'61	Dec'73		Sm.Col.Temp.rain.
V O	"						7	3x	Jan'74	May'81		Bar.temp.hyg.wind clds.rain.
V O	North Bend	39	08	84	42	800	3	8x	Nov'59	Jan'69		Sm.Col.Temp.rain.
V O	Prospect Hill	39	07	84	33	700	1	9x	Mar'49	Jan'51		Sm.Col.Average monthly rainfall)(near Cincinnati)
	CLERMONT											
V O	Bethel	39	00	84	00	555	12	4x	Jan'60	Nov'73		Sm.Col.Temp.rain.
V O	"						9	7	Dec'73	Jun'83		Temp.wind,clds.rain.

X Record broken.

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		°	′	°	′							
	BROWN											
W S	Georgetown	38	52	83	47	940	4	1	Dec'85			Bar.temp(max-min)hum.wind. direc.rain.
V O	Ripley	38	44	83	39	574	5	6x	Oct'57	Dec'67		Sm.Col.Temp.rain.
	HIGHLAND											
V O	Hillsboro	39	14	83	30	1120	35	3x	Jan'33	Nov'78		Sm.Col.Temp.rain.
V O	"						4	6x	Dec'75	Jun'78		Bar.temp.wind.rain.
	PIKE											
W S	Waverly	39	10	82	57	612	5	5x	May'83			Bar.temp(max-min)hum.wind. direc.rain.
	JACKSON											
V O	Jackson	39	10	82	32	666	5	7x	Jan'51	Dec'59		Sm.Col.Temp.rain.
	MEIGS											
W S	Pomeroy	38	18	81	50	565	5	5x	Jun'84			Bar.temp(max-min)hum.wind.rain
	GALLIA											
V O	Gallipolis	38	50	82	05	600	9	8x	Mar'54	Mar'73		Sm.Col.Temp.rain.
Riv	"						2	1	Aug'87	Aug'89	T	Rain.
	SCIOTO											
V O	Portsmouth	38	48	83	03	468	5	11	Feb'24	Dec'29	R	Sm.Col.Temp.
V O	"						48	10x	Jan'30	Oct'80		Temp.rain.
V O	"						9	2	Nov'80			Bar.temp(max-min)hyg.wind. clds.rain.
Riv	"						2	6	Jul'87		T	Rain
	LAWRENCE											
W S	Ironton	38	32	82	38	540	2	10x	Nov'82	May'86		Bar.temp(max-min)hum.wind. direc.rain.
W S	Hanging Rock	38	32	82	38	543	4	7	Jun'85			Bar.temp(max-min)hum.wind. direc.rain.
V O	Olive Furnace	38	45	82	39	750	1	2x	Apl'75	Aug'76		Bar.temp.hyg.wind.clds.rain.

X Record broken.

The following stations have less than one year's record and are not now in operation

Ainger.....Williams Co.
Alliance.....Stark Co.
Amesville..... Athens Co.
Ashville.....Pickaway Co.
Beallsville.....Monroe Co.
Brecksville.....Cuyahoga Co.
Bryan.....Williams Co.
Buchanan.....Pike Co.
Buckeyville.....Cuyahoga Co.
Cedarville.....Greene Co.
Chester Hill.....Morgan Co.
Clifton.....Greene Co.
Clintonville.....Franklin Co.
Coshocton.....Coshocton Co.
Cuyahoga Falls.....Summit Co.
Elton.....Preble Co.
Edgerton.....Williams Co.
Farmer.....Defiance Co.
Foster's Crossing...Warren Co.
Franklin.....Warren Co.
Fremont.....Sandusky Co.
Glasgow.....Columbiana Co.
Gracey.....Washington Co.
Greenwood.....Columbiana Co.
Groveport.....Franklin Co.
Huron.....Erie Co.
Iberia.....Morrow Co.
Isle St.George.....Ottawa Co.
La Fayette.....Allen Co.
Leipsic.....Putnam Co.
Lewisville.....Monroe Co.
Mount Tabor.....Tuscarawas Co.
Mount Union.....Stark Co.
Mount Vernon.....Knox Co.
New Teigel.....Seneca Co.
New Westfield.....Wood Co.
Nicholasville.....Clermont Co.
Norton.....Summit Co.
Pine Valley Mills ..Jefferson Co.
Republic.....Seneca Co.
Scioto.....Scioto Co.
Sugar Grove.....Fairfield Co.
Trimble.....Athens Co.
Trumbull.....Ashtabula Co.
Twinsburg.....Summit Co.
Wellington.....Lorain Co.
West Barr.....Fulton Co.
West Bedford.....Coshocton Co.
West Elkton.....Preble Co.
West Liberty.....Logan Co.
Winfield.....Tuscarawas Co.
West Union..... Adams Co.
Williamsport.....Monroe Co.
Yankeetown.....Washington Co.
Fort Washington.....?

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	CLATSOP	° ′	° ′						
M D	Astoria ✓	46 11	123 48		1 2	Aug'50	Sep'51	R	Temp.
V O	" ✓				20 3x	Jan'53	Dec'73		Temp.rain(Coast Survey)
V O	" ✓			53	2 8	Jan'74	Aug'76		Temp.wind.clds.rain.bar.hyg.
S S	" ✓			38	2 4	Nov'83	Feb'87		Temp(max-min).wind.rain.
S S	"				1 7	Mar'87	Sep'88		Full observations.
S S	" ✓				1 3	Oct'88			Temp(max-min)wind.rain.
M D	Fort Stevens ✓	46 12	123 57	12	14 9x	Nov'65	May 88		Temp(max-min)wind.rain.hyg.
S S	" ✓			6	0 2	Oct'83	Nov'83		Temp(max-min).wind.rain.
S S	" ✓				0 4	Apl'88	Jul'88		Temp(max-min).wind.rain.
	COLUMBIA								
W S	St.Helen	45 51	122 45	23	0 3	Oct'89		R	Temp(max-min)
V O	Vernonia ✓	45 49	123 10	1228	0 9	Jan'83	Sep'88	R	Temp.
W S	" ✓				0 4	Sep'89		R	Temp.
	TILLAMOOK								
V O									
W S	Tillamook ✓	45 23	123 51	10	1 0	Jan'89			Temp.wind.clds.rain.bar.
	WASHINGTON								
W S	Forest Grove	45 30	123 07	211	0 1	Dec'89			Temp(max-min)rain.bar.
	MULTNOMAH								
V O	East Portland ✓	45 30	122 37	75	5 1	Mar'84	Mar'89		Temp(max-min).rain.
V O									
W S	" ✓				0 9	Apl'89			Temp(max-min).rain.
V O	Portland	45 32	122 43	80	4 6x	Apl'58	Nov'73		Sm.Col.temp.rain.
S S	" ✓				19 2	Nov'70			Full observations.
	WASCO								
V O	Cascade Locks	45 40	121 50	150	10 7x	May 79		T	Rain.
W S	"				0 7	Jun'89			Temp.rain.bar.
M D	Fort Dalles ✓	45 38	121 14	350	13 3x	Jul'50	Mar'66		Temp.wind.rain.hyg.
W S	Grass Valley	45 35	120 36		0 3	Oct'89			Temp(max-min).rain.
W S	Hood River ✓	45 40	121 27		0 4	Sep'89			Temp(max-min).rain.
V O	The Dalles	45 36	121 12	116	9 0	Jan'75	Dec'83		Temp.rain.
W S	"				6 0	Jan'84			Temp.rain.
	GILLIAM								
W S	Lone Rock	45 05	119 50	2000	0 7x	Apl'89			Temp(max-min).rain.

Or.1

X Record broken.

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	UNION	° ′	° ′						
V O									
W S	Hamaker	45 30	117 31	1050	0 7	Jun'89			Temp(max-min).wind.cld s.rain.
	UMATILLA								
W S	Nolin	45 40	119 00	785	0 3	Sep'89			Temp(max-min).rain.
V O	Pendleton ✓	45 40	118 49	1070	0 6x	Feb'86	Aug'86		Temp(max-min)wind.clds.rain. bar.
W S	"			1122	0 2	Nov'89			Temp.rain.
S S	Umatilla	45 55	119 20		3 8	Aug'77	Feb'87		Full observations.
W S	Weston	45 50	118 24	1800	0 3	Jun'89			Temp(max-min).rain.
	UNION								
V O	La Grande ✓	45 18	118 07	2784	2 6	Mar'86	Oct'88		Temp(max-min).rain.
V O									
W S	" ✓				0 9	Apl'89			Temp(max-min).rain.
W S	North Powder	45 03	117 52	3250	0 2	Nov'89			Temp(max-min).rain.
W S	Telocaset	45 05	117 49	3449	0 4	Sep'89		T	Rain.
	WALLOWA								
V O									
W S	Joseph ✓	45 31	117 16	4100	0 2	Nov'89			Temp(max-min)wind.clds.rain.
	YAMHILL								
M D	Fort Hoskins ✓	45 03	123 23		3 1x	Nov'56	Mar'65		Temp.wind.rain.lyg.
V O	McMinnville ✓	45 13	123 12	181	1 3	Feb'88	Apl'89		Full observations.
V O									
W S	" ✓				0 4	Sep'89			Full observations.
M D	Fort Yamhill ✓	45 21	123 15		9 6x	Oct'56	Apl'66		Temp.wind.rain.lyg.
	CLACKAMAS								
M D	Oregon City ✓	45 26	122 25	200	0 2	Dec'49	Jan'50	R	Temp.
V O	" ✓				1 11x	Jan'49	Dec'50	R	Sm.Col.temp.
V O	" ✓				1 0	Jan'51	Dec'51		Sm.Col.temp.rain.
V O	" ✓				2 0	Apl'57	Mar'59	T	Sm.Col.rain.
	POLK								
V O	Eola ✓	44 47	123 07	500	4 0	Jan'70	Dec'73		Sm.Col.temp.rain.
V O	" ✓				15 3	Jan'74	Mar'89		Temp.wind.clds.rain.
V O									
W S	" ✓				0 9	Apl'80			Temp.wind.clds.rain.
S S	Parkers	44 45	123 11		1 7	Apl'88	oct'89	T	Rain(Repair Station)

Or.2

X Record broken.

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	MARION	° ′	° ′						
W S	Hubbard	45 10	122 30	140	0 1	Dec'89			Temp(max-min).rain.
V O	Mount Angel ✓	45 04	122 43	150	2 8x	Jun'83	Mar'89		Temp(max-min)wind.clds.rain
V O / W S	" ✓				0 9	Apl'89			Temp(max-min)wind.clds.rain.
V O	Salem	44 55	123 02	120	1 1x	Oct'56	Oct'65	R	Sm.Col. temp.
	POLK								
W D	Blockhouse (Siletz)	44 40	123 50		4 3x	Mar'59	Dec'62		Temp.wind.rain.hyg.
V O	Corvallis ✓	44 35	123 15	270	0 3x	Jan'67	Feb'68		Sm.Col.temp.rain.
V O / W S	" ✓				0 7x	Apl'89			Temp.rain.
V O	Newport	44 36	124 05		1 11	Jan'83	Nov'87		Temp.rain.(Res.of Oregon)
W S	Toledo	44 35	123 55	30	0 1	Dec'89			Temp(max-min).rain.
V O	Yaquina L.H.✓	44 35	124 05	125	1 2	Sep'87	Oct'88		Temp(max-min)wind.clds.rain.
	LINN								
V O	Albany ✓	44 38	123 03	157	9 6x	Apl'79	Mar'89		Temp.wind.clds.rain.bar.
V O / W S	" ✓			220	0 9	Apl'89			Temp.wind.clds.rain.bar.
S S	" ✓				3 10x	Dec'73	Apl'83	T	Rain(Spec.River)
V O	"(near)✓	44 35	122 50	300	1 7x	Jan'63	Jan'68		Sm.Col.temp.rain.
	GRANT								
M D	Camp Logan ✓	44 09	119 05	5300	1 0	Nov'67	Oct'68		Temp.wind.rain.
M D	Camp Watson ✓	44 22	119 48		2 1	Apl'67	Apl'69		Temp.wind.rain.hyg.
	BAKER								
S S	Baker City ✓	44 50	117 50	3526	0 6	Jul'89			Full observations.
W S	Huntington	44 22	117 15	2110	0 2	Nov'89			Temp(max-min).rain.
	LANE								
W S	Creswell	43 54	123 00	480	0 9	Apl'89			Temp(max-min)rain.
S S	Eugene City	44 05	123 05		1 3	Sep'77	Nov'73	T	Rain.wind.clds.(Sunset Station)
S S	"				5 2x	Dec'73	Apl'83	T	Rain(Spec.River)
	COOS								
V O	Bandon	43 05	124 27	55	5 0	Jan'73	Dec'82	T	Rain.
V O	"				5 3	Jan'83	Mar'89		Temp.rain.
W S / V O	"				0 9	Apl'89			Temp.rain.

Or.3

X Record broken.

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		° ′	° ′						
	COOS Con.-								
V O	Empire City	43 22	124 19	10	5 10	Sep'80	Jun'86	T	Rain.wind.bar.
	DOUGLAS								
V O	Gardiner	43 45	124 12	15	0 6	Apl'86	Jun'87		Temp(max-min).rain.
W S	"			12	0 3	Apl'89			Temp(max-min).rain.
S S	Roseburg	43 13	123 20	523	12 5x	Aug'77			Full observations.
M D	Fort Umpqua	43 42	124 00	8	5 10	Aug'56	May 62		Temp.wind.rain.hyg.
	CURRY								
V O / W S	Gold Beach (Ellensburg)	42 17	124 26	60	0 3	Oct'88		T	Rain.wind.clds.
M D	Fort Orford	42 44	124 29	50	3 1x	Jan'52	Jul'56		Temp.rain.
V O	Fort Orford	42 44	124 29	50	1 0	Jul'75	Jun'76	R	Temp.wind.
	JOSEPHINE								
V O / W S	Grants Pass	42 27	123 20	964	0 10	Mar'89			Temp(max-min)wind.rain.
	JACKSON								
S S	Ashland	42 12	122 40	1940	4 3	Feb'84	Apl'88		Temp(max-min)wind.rain.
W S	"				0 0	Apl'89			Temp.rain.
V S	Jacksonville	42 18	122 56	1640	0 9	Apl'89			Temp(max-min)rain.
M D	Fort Lane	42 24	122 55	2000	1 3x	Jan'55	Oct'56	R	Temp.
V O	Woodville	42 26	123 11	100	1 0	Oct'87	Sep'88		Temp(max-min)wind.clds.rain. hyg.
	KLAMATH								
M D	Fort Klamath	42 53	122 09	4200	10 3x	Dec'62	Jul'89		Temp(max-min)wind.rain.hyg.
S S	"				5 8x	Dec'83	Oct'89		Temp(max-min)wind.rain.
S S	Linkville	42 14	121 45	4250	5 10x	Nov'82	Oct'89		Temp(max-min)rain.
	LAKE								
S S	Lakeview	42 11	120 20	5060	4 9	Dec'83	Oct'88		Temp(max-min).rain.
V O / W S	Silver Lake	43 08	121 04	4300	0 2	Nov'89			Temp(max-min)wind.clds.rain.
M D	Camp Warner	42 23	119 42	6000	6 7	Jan'68	Jul'74		Temp.wind.rain.hyg.
	HARNEY								
M D	Camp Harney	43 00	119 00	4600	11 8x	Dec'67	May 80		Temp(max-min)wind.rain.bar.hyg. Or.4

X Record broken.

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		° ′	° ′						
	MALHEUR								
V O									
W S	Leilah ✓	44 00	118 09	4400	0 4	Sep'89			Temp(max-min).rain.
V O									
W S	Jordan Valley ✓	43 00	117 07	2450	0 3	Oct'89			Temp(max-min)rain.
M D	Camp Lyons	43 08		5500	1 0	Oct'67	Sep'68	R	Temp.
M D	Camp Three Forks				2 0	Jan'68	Dec'69	R	Temp.

List of Stations having less than one year's record and which are not now in operation.

Station	County
Auburn ✓	Baker
Bly ✓	Klamath
Klamath Agency ✓	Klamath
Mt.Hood Station ✓	Wasco
Willamette University	Marion

Or.5

X Record broken.

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Number and class.	County and station.	Latitude.		Longitude.		Elevation above sea-level.	Record. Length.		From—	To—inclusive.	T. or R. missing.	Remarks.
	ERIE	°	′	°	′							
V O	Corry (Columbus)	41	55	79	37	1410	5	8x	Jun'80			Bar.temp.hyg.wind.rain.
V O	Erie	42	08	80	12	640	1	1x	Jan'40	Dec'60		Sm.Col.Temp.rain.
S S	"	42	07	80	05	714	16	8	Jun'73			Full observations.
V O	Edinboro	41	53	80	10	1212	1	0	Jan'89			Temp.1 month of rain.
V O	Mc.Kean	41	55	78	26	1500	1	6	1840	1841		Sm.Col.Jour.Frank.Inst.
	CRAWFORD											
V O	Meadville	41	39	80	09	1088	5	2x	Jan'39	Dec'58		Sm.Col.Temp.rain.
V O	"Allegheny College						3	10x	Jun'81	Oct'89		Bar.temp.hyg.wind.direc.rain.
V O	Moss Grove	41	40	79	51	1400	5	4x	Jan'52	Feb'57		Sm.Col.Temp.rain.
V O	Randolph	41	38	80	00	1720	1	2x	Jun'54	Feb'56		Sm.Col.Temp.rain.
	WARREN											
V O	Warren	41	57	79	14	1200		5x	May 40	Apl'41	T	Sm.Col.Rain.
Riv	"						4	9x	Jan'85		T	Rain.
	MC.KEAN											
V O	Ceres	42	00	78	25	1440	10	3x	Jan'35	Mar'54		Sm.Col.Temp.rain.
V O	Smethport	41	54	78	33	1493	2	4x	Feb'39	Aug'41		Sm.Col.Temp.rain.
W S	"							10x	Jul'88	Jun'89		Temp(max-min).rain.
	POTTER											
W S	Coudersport	41	46	78	05	1631		8x	Jan'89			Temp.(max-min).rain.
	TIOGA											
V O	Tioga	41	54	77	11	1000	9	8	Jan'64	Sep'73		Sm.Col.Temp.rain.
V O	"						4	11x	Jan'74	Mar'79		Temp.wind.clds.rain.
V O	Wellsboro	41	46	77	20	1250	10	9	Apl'79			Bar.temp.(max-min).hyg. wind.rain.
	BRADFORD											
V O	Le Roy	41	42	76	51		13	9	Apl'71			Temp.(max-min).rain.
V O	Litchfield	42	00	76	29		1	4	Mar'79	Jun'80		Temp.wind.clds.rain.
V O	Troy and Mt.Pisgah	41	24	76	54	1148	4	7x	Dec'83			Bar.temp.wind.rain.
V O	Wysox	41	47	76	28	718	2	3	Apl'85	Jun'87		Temp.wind.rain.
W S	"						1	6	Jul'88			Temp.(max-min).rain.
	SUSQUEHANNA											
V O	Silver Lake	41	65	76	01		2	6x	Mar'39	Dec'41		Sm.Col.Average temp.and monthly rain.
	WAYNE											
V O	Dyberry(Oregon)	41	38	75	18	1100	8	8x	Jan'65	Dec'73		Sm.Col.Temp.rain.
V O	"						14	11x	Jan'74			Temp.(max-min).wind.clds.rain.

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		°	′	°	′							
	WAYNE Con.											
V O	Honesdale	41	35	75	20	1000		2x	1839	1840	T	Sm.Col.Rain.
V O	"						7	0	Jan'82	Dec'88	T	Rain
W S	"						1	0	Jan'89			Temp(max-min).rain.
V O	Pleasant Mount	41	45	75	29			11	Feb'89			Temp.rain.
V O	Salem Corners (Hamilton)	41	25	75	25	1600	3	8x	Apl'69	May'73		Sm.Col.Temp.rain.
V O	"						1	10x	Jun'74			Temp.wind.clds.rain.
	MERCER											
V O	Greenville	40	24	80	30	985	2	8x	Mar'71	Nov'73		Sm.Col.Temp.rain.
W S	"							11x	Jan'89			Temp(max-min).rain.
	VENANGO											
V O	Franklin	41	24	79	50	980	7	10x	Feb'40	Dec'73		Sm.Col.temp.rain.
V O	"						16	0	Jan'74			Temp.wind.clds.rain.
V O	Oil City	41	26	79	43	1010		4	Oct'63	Jan'64	R	Sm.Col.Temp.
Riv	"						11	2x	Jun'73		T	Stage of water & rain.
	FOREST											
W S	Tionesta	41	30	79	31	1000		9x	Aug'88			Temp(max-min).rain.
	CAMERON											
W S	Emporium	41	30	78	18	1024	1	0	Jan'89			Temp(max-min).rain.
V O	Four Mile Run (North Shipper	41	35	78	17	830	1	5x	Dec'74	Jan'77		Temp.wind.clds.rain.
	LYCOMING											
V O	Nisbet	41	15	77	10			11	Feb'89			Temp.rain.
V O	Williamsport	41	15	77	04	550	1	6x	May'64	Dec'73		Sm.Col.Temp.rain.
V O	"						3	11x	Jan'74	Feb'78		Bar.temp.wind.clds.rain.
S S	"						1	5	Jan'82	May 83		Full observations.
	SULLIVAN											
W S	Eagles Mere	41	25	76	39			11x	Jan'89			Temp(max-min).rain.
	WYOMING											
V O	Meshoppen	41	36	76	06	644		9x	Feb'89			Temp.rain.
W S	South Eaton	41	28	75	58			4	Sep'89			Temp(max-min).rain
	CLARION											
V O	Clarion	41	32	77	15	1530		1		Oct'83		Temp(max-min).hyg.wind.rain.
W S	"							9x	Jan'89			Temp(max-min).rain.
Riv	"						5	0x	Dec'84		T	Rain
W S	Rimersburg						1	5	Aug'88		R	Temp(max-min)

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	JEFFERSON	° ′	° ′						
V O	Brockville	41 12	79 08	1235	2	Apl'79	May 79		Temp.wind.clds.rain.
Riv	"				4 10	Dec'84		T	Rain
	CLINTON								
W S	Lock Haven	41 07	77 32	556	1 1x	Jul'83			Temp(max-min).rain.
	COLUMBIA								
V O	Berwick	41 05	76 15	583	6 3x	Jan'56	Jan'65		Sm.Col.Temp.rain.
V O	Catawissa	40 58	76 30	470	1 10x	Jun'70	Feb'73		Sm.Col.Temp.rain.
V O	"				11 2x	Mar'78			Temp(max-min).rain.
	LUZERNE								
V O	Drifton	41 01	75 56	1633	5 7x	Feb'84			Bar.temp(max-min).wind.clds. rain.
V O	Hazleton	40 58	76 00	1850	1 9x	Dec'70	Oct'73		Sm.Col.Temp.rain.
V O	"				3 0x	Feb'74	Jun'77		Temp.wind.rain.
V O	North Abington (Abington)	41 31	75 47	1183	11 0	Jan'64	Dec'74		Sm.Col.Temp.rain.
V O	"				2	Feb'74	Mar'74		Temp.wind.direc.rain.
V O	Wilkes Barre	41 14	75 56	543	3x	Dec'39	May 41	T	Sm.Col.Rain.
V O	"				4 3x	Jun'83	Dec'87		Temp(max-min).rain.
W S	"				4	Sep'89			Temp(max-min).rain.
	PIKE								
V O	Blooming Grove	41 23	75 09		8 8	May 65	Dec'73		Sm.Col.Temp.rain.(First 5 yrs. record at Nyces)
V O	"				16 0	Jan'74			Temp.wind.clds.rain.
	LAWRENCE								
V O	New Castle	41 02	80 21	876	8 0	Jan'66	Dec'73		Sm.Col.Temp.rain.
V O	"				3 7	Jan'74	Jul'82		Temp.rain.
W S	"				1 6	Jul'83			Temp(max-min).rain.
	BUTLER								
V O	Butler	40 54	79 50	850	5 5x	1839	1851		Sm.Col.Average temp.& rain.
V O	"				2 1x	Nov'40	Dec'41	T	Sm.Col.Rain.
	CLEARFIELD								
V O	Grampian Hills (Pennville)	40 54	78 42	1400	9 6	Jul'64	Dec'73		Sm.Col.Temp.rain.
V O	"				10 0x	Jan'74			Bar.temp(max-min).wind.clds. rain.
V O	"				25 6	Jul'64			Monthly temp(Combined table)
	CENTRE								
V O	Bellefonte (Fleming & Unionville)	40 55	77 53	780	13 4x	Feb'59	Jun'67		Sm.Col.Temp.rain.

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	CENTRE Con.	°	′	°	′							
V O	Phillipsburg	40	54	78	12	1350	4	0	Jan'83			Temp.(max-min).wind.rain.
V O	State College	40	55	77	51	1191	5	4x	Sep'82			Bar.temp(max-min)hyg.wind.rain
	UNION											
V O	Lewisburg	40	58	76	55	450	13	11x	Jan'56	Nov'73		Sm.Col.Temp.rain.
W S	"							3	Oct'89			Temp(max-min).rain.
	SNYDER											
W S	Selins Grove	40	48	76	55	438	1	5	Aug'88			Temp(max-min).rain.
	NORTHUMBERLAND											
V O	Milton	41	00	76	51	480	3	0	Jun'79	May'82		Temp(max-min)wind.clds.rain.
V O	Northumberland	40	55	76	49	454	2	11x	Jan'39	Dec'41		Sm.Col.Temp.rain.
V O	Shamokin	40	48	76	35	700	6	3	Nov'56	Jan'63		Sm.Col.Temp.rain.
W S	"							6	Jul'88	Dec'88		Temp.rain.
	CARBON											
W S	Mauch Chunk	40	52	75	45	544		3	Oct'89			Temp(max-min).rain.
	NORTHAMPTON											
V O	Bethlehem	40	43	75	20	300	2	3	1849	1851	R	Sm.Col.Average temp.
V O	"						12	6	Jul'77		T	Rain.
V O	"						1	10x	Feb'86	Nov'87		Bar.temp(max-min)hyg.wind.rain.
W S	"							10x	Feb'89			Temp.rain.
V O	Easton (Lafayette College)	40	41	75	12	320	5	1	1846	Dec'59		Sm.Col.Temp.average rainfall.
V O	"						8	0	Jan'83			Temp.wind.direc.rain.
V O	Nazareth(near Bethlehem)	40	43	75	21	530	13	2x	1787	Dec'66		Sm.Col.Temp.rain.
V O	South Bethlehem	40	38	75	22	320	1	7	Jun'67	Dec'68		Sm.Col.Temp.rain.
V O	"						1	0x	Jan'85	Feb'86		Bar.temp(max-min)hyg.wind. clds.rain.
	MONROE											
V O	Stroudsburg	40	58	75	16	403	1	4x	Apl'39	Dec'41	T	Sm.Col.Rain.
W S	"							2	Jun'88	Jul'88		Temp(max-min).rain.
	BEAVER											
V O	Beaver Seminary	40	43	80	23	666	5	4x	Apl'40	Mar'72		Sm.Col.Temp.rain.
	ARMSTRONG											
V O	Freeport	40	41	79	41	1000		5x	Jul'54	Nov'54	R	Temp.
Riv	"						11	10x	Apl'73		T	Rain.

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	ARMSTRONG Con.	°	′	°	′							
Riv	Mahoning	40	57	79	24	729	5	0x	Nov'84		T	Rain
Riv	Parkers Landing	41	08	79	41	888	4	8	Jan'35		T	Rain
V O	Worthington (near)	40	52	79	37	1050	3	7	Jan'59	Jul'62		Sm.Col.Temp.rain.
	ALLEGHENY											
V O	Allegheny Arsenal	40	29	79	59	704	27	0	Jan'25	Dec'59		Sm.Col.Temp.rain.
PH	"						7	8x	Jan'60			Bar.temp(max-min)hyg.wind.rain
V O	Allegheny City	40	28	80	03	738	1	8x	Dec'71	Aug'73		Sm.Col.Temp.rain.
V O	Leetsdale	40	29	80	15	715	2	2	Mar'83	Apl'85		Temp(max-min)hyg.rain.
V O	Pittsburg	40	22	79	59	734	11	2x	Sep'40	Oct'70		Sm.Col.Temp.rain.
SS	"						19	2	Nov'70			Full observations&river.
V O	"						3	11x	Jan'74	Jan'80		Temp.wind.clds.rain.
V O	Sewickleyville	40	37	80	10	656	1	4x	Oct'59	Jan'62		Sm.Col.Temp.rain.
V O	Tarentum	40	37	79	46	950	5	3x	Sep'56	Nov'73		Sm.Col.Temp.rain.
V O	"						6	4x	Dec'73	May'80		Temp.wind.clds.rain.
	INDIANA											
V O	Blairsville	40	27	79	15	1010	3	1x	Oct'61	Jan'65	R	Sm.Col.Temp.
V O	Indiana	40	40	79	08	1321	3	1x	Aug'59	Jan'60		Sm.Col.Temp.rain.
V O	"	40	43	79	11	1350	1	0	Sep'87	Aug'88	R	Temp.hyg.
W S	"							11x	Jan'89			Temp(max-min).rain.
Riv	Saltsburg	40	31	79	26	891	5	1x	Jan'84		T	Rain.
	CAMBRIA											
V O	Ebensburg	40	31	78	45	2022	1	5x	Feb'40	Dec'41	T	Sm.Col.Rain.
V O	Johnstown	40	20	78	53	1200	4	0x	Feb'68	Mar'72		Sm.Col.Temp.rain.
V O	"					1184		3	Jul'88	Sep'88		Temp(max-min)hyg.wind.rain.
W S	"							8x	Jul'88			Temp(max-min).rain.
Riv	"						4	6x	Jan'85		T	Rain.
	CLAIR											
V O	Altoona	40	32	78	24	1208	1	4x	Oct'59	Apl'63		Sm.Col.Temp.rain.
V O	"						5	4	Sep'84			Bar.temp(max-min)rain.
V O	Blue Knob (Dobs Creek)	40	22	78	35	2100		0	Apl'89			Temp.rain.
V O	Hollidaysburg	40	28	78	23	1200	1	0	Jan'53	Dec'53		Sm.Col.Temp.rain.
W S	"						1	0	Jan'80			Temp(max-min).rain.

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	BLAIR Con.	°	′	°	′							
V O	Tipton	40	38	78	21	990		6x	Apl'89			Temp(max-min).rain.
	MIFFLIN											
V O	Lewistown	40	35	77	37	498		10	Jan'39	Oct'39	R	Sm.Col.Temp.
W S	"							2	Nov'89			Temp(max-min).rain.
	SCHUYLKILL											
W S	Girardville	40	48	76	18	1021		11	Feb'89			Temp(max-min).rain.
V O	Lancaster Colliery	40	48	76	35	920	1	0	Jan'56	Dec'56	T	Sm.Col.Rain.
V O	Mahanoy Plane	40	50	76	15	1132	1	9	Feb'85	Oct'86		Temp.rain.
V O	Port Carbon	40	43	76	06	639	2	2x	1839	1841		Sm.Col.Average temp.no.rain.
V O	Pottsville	40	41	76	12	814	1	11x	Jan'39	Jul'53		Sm.Col.Temp.rain.
V O	Schuylkill Haven	40	38	76	11	526	4	0	Jan'83	Dec'86	T	Rain(Water Dept.series)
V O	Tamaqua	40	49	76	00	700		7x	Mar'70	Oct'70		Sm.Col.Temp.rain.
V O	"						1	2	Jan'84	Feb'85		Temp.wind.direc.rain.
	LEHIGH											
W S	Centre Valley	40	32	76	23			3	Oct'89			Temp(max-min).rain.
W S	Coopersburg	40	30	75	23	549		1		Dec'89		Temp(max-min).rain.
V O	Dillingersville	40	23	75	29		1	1x	Jan'84	Jan'86		Temp.rain.
V O	Egypt	40	44	75	28	450	2	9x	Jan'71	Nov'73		Sm.Col.Temp.rain.
V O	"						7	4x	Dec'73	Apl'81		Temp.wind.clds.rain.
W S	Lynnport	40	40	75	47			2	Nov'89			Temp(max-min).rain.
V O	North Whitehall	40	40	75	32	450	14	6x	Jan'56	Dec'70		Sm.Col.Temp.rain.
V O	Whitehall	40	40	75	32	250	1	1x	Feb'60	Apl'68	T	Sm.Col.Rain.
V O	Zionsville	40	30	75	30		1	1	Feb'86	Feb'87		Temp(max-min).wind.rain.
	LUZERNE											
V O	Canonsburg	40	17	80	11	850	17	4x	Jan'39	Dec'73		Sm.Col.Temp.rain.
V O	"						4	6x	Jan'74	Jan'79		Dar.temp.wind.clds.rain.
W S	"							5	Aug'89			Temp.rain.
Riv	Lock No.4	40	11	79	54		4	1	Dec'85		T	Rain.
	WESTMORELAND											
V O	Greensburg	40	18	80	31	1136	2	5x	Jun'71	Oct'73		Sm.Col.Temp.rain.
V O	"							7x	Feb'74	Nov'74		Temp.wind.clds.rain.
W S	"							1		Nov'89		Temp(max-min).rain.
V O	Murrysville	40	23	79	41	960	2	8x	Jan'57	Mar'68		Sm.Col.Temp.rain.

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	WESTMORELAND (Con)	° ′	° ′						
V O	St.Vincents College	40 14	79 29	922	1 6	Jan'61	Jun'62		Sm.Col.Temp.rain.
	HUNTINGDON								
V O	Huntingdon	40 31	78 01	734	3 5x	Apl'40	Feb'60		Sm.Col.Temp.rain.
W S	"				1 0	Jan'89			Temp(max-min).rain.
V O	Petersburg	40 33	78 03	673	11	Feb'89			Temp(max-min).wind.dir.rain.
	JUNIATA								
V O	Mifflintown	40 32	77 28	565	2 10	Jul'39	May 43		Sm.Col.Average temp.& no.rain.
V O	Tuscarora	40 32	77 21	429	11	Feb'89			Temp.rain.
	PERRY								
V O	Aqueduct (Logania P.O.	40 26	77 03	377	11	Feb'89			Temp(max-min).rain.
V O	Avondale	40 27	77 22	515	1 11	Jun'67	Apl'69		Sm.Col.Temp.rain.
W S	New Bloomfield	40 25	77 14		1 6	Jul'88			Temp(max-min).rain.
	DAUPHIN								
V O	Harrisburg	40 16	76 53	375	30 11x	Jul'40	Jan'73		Sm.Col.Temp.rain.
S S	"				1 6	Jul'83			Full observations.
	LEBANON								
W S	Annville	40 20	76 33	442	5x	May 89		R	Temp(max-min)
V O	Lebanon	40 21	76 27	466	4 0	Jan'83	Dec'86	T	Rain (Water Dept.series)
W S	"				9	Jul'88	Mar'89		Temp(max-min).rain.
W S	Myerstown	40 22	76 20	474	7x	May 89			Temp(max-min).rain.
	BERKS								
V O	Brower	40 15	75 44		4 0	Jan'83	Dec'86	T	Rain(Water Dept.series)
V O	Reading	40 20	75 55	269	9 0x	Apl'39	Dec'73		Sm.Col.Temp.rain.
V O	"				8 11x	Jan'74			Bar.temp.hyg.wind.clds.rain.
V O	Seisholtzville	40 27	75 33		3 7x	Jun'83		T	Rain (Water Dept.series)
	BUCKS								
W S	Doylestown	40 17	75 07	347	2 11x	Oct'83		T	Rain (Rept.Sec.Int.Affairs)
V O	Fallsington	40 12	74 13	30	14 0	Jan'60	Dec'73		Sm.Col.Temp.rain.
V O	"				11 4x	Jan'74	Oct'87		Bar.temp(max-min).hyg.wind. clds.rain.
W S	Forks of Neshaminy	40 07	74 53		3 2x	Sep'84			Temp(max-min).rain.
V O	Hulmeville	40 08	74 55		3 9x	Jul'77	Aug'84		Bar.temp(max-min).hyg.wind.rain.

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	BUCKS Con.	°	′	°	′							
V O	Morrisville (near Fallsington)	40	13	74	52	30	68	0	Jan1790	Dec'59		Sm.Col.Temp.rain.
V O	Newtown	40	15	74	57	145	6	6	Jan'37	Jun'43		Sm.Col.Temp.rain.
W S	Ottsville	40	27	75	09		4	2	Oct'83		T	Rain(Sec.Int.Affairs Rept '88)
W S	Point Pleasant	40	25	75	04		1	0	Jan'89		T	Rain.
V O	Quakertown	40	30	75	32	523	3	2	Jan'72	Jun'83	T	Rain.
V O	"						6	6	Jul'83			Bar.temp(max-min).hyg.wind. clds.rain.
W S	Sellersville	40	21	75	13	331	1	7	Jun'84	Dec'85	T	Rain(Sec.Int.affairs Rept.'88)
W S	Smith's Corners	40	25	75	06		1	0	Jan'89		T	Rain.
W S	Tohickon	40	26	75	12		2	0	Oct'85	Sep'85	T	Rain(Sec.Int.affairs Rept.'88)
	CUMBERLAND											
V O	Carlisle	40	12	77	11	600	33	7x	Jan'39	Nov'73		Sm.Col.temp.rain.
V O	"						5	0	Dec'73	Nov'78		Bar.temp.hyg.wind.clds.rain.
W S	"							10x	Jan'89			Temp(max-min).rain.
V O	Carlisle Barracks						11	3x	Jan'43	Dec'59		Sm.Col.Temp.rain.
P H	"						16	0	Jan'60	Nov'76		Bar.temp(max-min).hyg.wind. clds.rain.
V O	Plainfield	40	10	77	10		1	8	May 72	Dec'73		Sm.Col.Temp.rain.
V O	"						1	3	Jan'74	Mar'75		Temp.wind.clds.rain.
	MONTGOMERY											
W S	Frederick	40	18	75	31		4	1x	Aug'83		T	Rain.
W S	Green Lane	40	20	75	28		2	5	Aug'83	Dec'85	T	Rain(Sec.Int.affairs Rept.'88)
W S	Lansdale	40	14	75	17	368	1	0	Jan'89		T	Rain.
W S	"						2	8	May'84	Dec'86	T	Rain(Sec.Int.affairs Rept.'88)
V O	Moreland (Horsham)	40	00	75	11	250	9	5x	Jun'64	Nov'73		Sm.Col.Temp.rain.
V O	Norristown	40	08	75	09	158	9	11x	Feb'39	Jul'63		Sm.Col.Temp.rain.
V O	Plymouth Meeting	40	06	75	16	535	4	4	Feb'68	May'72		Sm.Col.Temp.rain.
W S	Pottstown	40	15	75	38	150	1	6	Jul'88			Temp(max-min).rain.
V O	"						13	11x	Jan'76		T	Table of monthly rainfall
V O	Spring Mill (near Phila.)	40	08	75	10	53	14	0	1810	1823	T	Sm.Col.Annual rainfall.

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							Length.		From—	To—inclusive.		
		°	′	°	′							
	GREENE											
Riv	Greenborough	39	48	79	54			11x	Oct'88		T	Rain.
W S	Waynesburg	39	54	80	14	728		1	Dec'84		R	Temp.
	FAYETTE											
V O	Brownsville	40	02	79	52	736	2	1x	Nov'69	May'73		Sm.Col.Temp.rain.
V O	"						4	3x	Apl'74	Apl'79		Temp.wind.clds.rain.
Riv	"						7	5x	Jun'73	Nov'85	T	Rain.
V O	Dunbar	39	57	79	36	1011	1	7	Jan'74	Jul'75		Sm.Col.Temp.rain.
V O	Fayette Tannery	40	02	79	32	891	12	0	Jan'62	Dec'73		Sm.Col.Temp.rain(Collinsville and Uniondale)
Riv	New Geneva	39	48	79	52		10	3x	May 73	Jun'88	T	Rain.
V O	Uniontown	39	54	79	42	952		10x	Dec'39	Jun'41	T	Sm.Col.Rain.
W S	"						1	6	Jul'88			Temp(max-min).rain.
	SOMERSET											
Riv	Confluence	39	48	79	21	1346	15	3x	May 73		T	Rain.
V O	Somerset	40	02	79	05	2750	21	9x	Dec'39	May 69		Sm.Col.Temp.rain.
W S	"						1	6	Jul'88			Temp(max-min).rain.
	BEDFORD											
V O	Bedford	40	01	78	30	1062	8	0	Jan'53	Dec'61		Sm.Col.Temp.rain.
W S	Charlesville	39	57	78	35			11x	Jan'89			Temp(max-min).rain.
	FULTON											
W S	Mc.Connellsburg	39	56	78	01		1	4x	Jul'88			Temp(max-min).rain.
	FRANKLIN											
V O	Chambersburg	39	56	77	40	618	3	5x	Jul'58	Apl'62		Sm.Col.Temp.rain.
V O	"						9	10x	May 75	Dec'85		Temp.wind.clds.rain.
W S	"							4	Sep'89			Temp.rain.
V O	Greencastle	39	47	77	44	650		3	Jul'70	Sep'70		Sm.Col.Temp.rain.
V O	"						1	4x	Aug'77	Nov'80		Bar.temp.wind.clds.rain.
V O	Mercersburg	39	50	77	55		2	2x	1842	1847	R	Sm.Col.Average temp
	ADAMS											
V O	Fountain Dale	39	44	77	18		4	3x	May 67	Sep'72		Temp.rain. Sm. Col.
V O	Gettysburg	39	49	77	15	614	25	2x	Jan'39	Feb'65		Sm.Col.Temp.rain.
Rnf	"							5	Aug'89		T	Rain.
W S	"							3	Oct'89			Temp(max-min).rain.
V O	York Sulphur Springs	40	00	77	11		2	11	Jan'71	Nov'73		Sm.Col.Temp.rain.

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		° ′	° ′							
	ADAMS Con.									
V O	York Sulphur Springs	40 00	77 11		2	6	Mar'74	Aug'76		Temp.wind.clds.rain.
	YORK									
V O	Hanover	39 45	77 00	654	1	4x	Jan'75	Sep'76	R	Temp.wind.clds.
V O	Manchester	40 32	80 03	750	2	2	Mar'49	Apl'52		Sm.Col.Temp.rain.
V O	York	39 58	76 40	379		5x	Jun'39	Nov'39	T	Sm.Col.Rain.
V O	"					6	Sep'86	Feb'87		Bar.temp(max-min).wind.rain.
W S	"				1	3x	Jun'88			Temp(max-min).rain.
V O	Union Canal	40 20	76 30	480	14	0	1835	1848	R	Annual average temp.
	LANCASTER									
V O	Ephratah	40 11	76 11	384	7	2x	Nov'65	Dec'73		Sm.Col.Temp.rain.
V O	"				1	9x	Jan'74	Feb'77		Bar.temp.wind.clds.rain.
V O	Lancaster	40 03	76 21	350	14	5x	1812	1850		Sm.Col.&Hazards Reg.temp.rain.
W S	"				1	2x	Jul'88	Nov'89		Temp(max-min).rain.
V O	Mount Joy	40 06	76 31	366	16	0x	Mar'57	Dec'73		Sm.Col.Temp.rain.
V O	"					1		Feb'89		Temp.rain.
V O	Paradise	40 00	76 08	1521	24	0	Jan'35	Dec'58	R	Sm.Col.Temp.
V O	Silver Spring	40 05	76 40		4	10x	Apl'63	May 69	R	Sm.Col.Temp.
	CHESTER									
W S	Coatsville	39 58	75 50	315	1	0	Jan'89			Temp(max-min).rain.
W S	Kennett Square	39 50	75 43	260		5x	May 89		T	Rain.
V O	Pocopson (Parksville)	39 54	75 40	218	19	9x	Jan'54	Dec'73		Sm.Col.Temp.rain.
V O	West Chester	39 58	75 35	478	10	0	1817	1827	T	Sm.Col.Average Rainfall.
V O	"				25	3x	Jan'22	Dec'73		Sm.Col.Temp.rain.
V O	"				16	0	Jan'74			Bar.temp(max-min).hyg.wind. rain.
W S	West Marlboro	39 53	75 42		15	00	Jan'43	Dec'57	T	Rain(Sec.Int.affairs Rept.'83)
V O	Westtown	39 57	75 34	550	1	9	Jul'57	Mar'59		Sm.Col.Temp.rain.
V O	"				1	6x	Aug'87			Bar.temp(max-min)wind.rain.
	DELAWARE									
V O	Chromedale (Lima)	39 55	75 25	196	9	10x	Dec'43	Feb'59		Sm.Col.Temp.rain.
V O	Darby	39 55	75 17	120	4	0	Jan'49	Dec'52	T	Sm.Col.Average rainfall.

X Record broken.

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	DELAWARE Con.	° ′	° ′						
V O	Haverford	40 00	75 21	400	10 6x	Jan'39	Jun'63		Sn.Col.Temp.rain.
V O	"				2 11x	Feb'83			Bar.temp(max-min)wind.rain.
V O	Fort Mifflin	39 53	75 13	20	11 2x	Jan'22	Oct'53		Sn.Col.Temp.rain.
W S	Swarthmore	39 54	75 23	125	1 6	Jul'88			Temp.rain.
	PHILADELPHIA								
V O	Byberry	40 06	74 58	70	4 4x	Jan'54	Dec'63		Sn.Col.Temp.rain.
V O	Frankford Arsenal	39 59	75 11	30	8 0	Jan'36	Dec'43	R	Temp. Sn. Col
P H	"				1 0	Jan'89			Temp(max-min)wind.dir.rain
V O	Germantown	40 01	75 10	85	20 6x	Jun'19	Dec'73		Sn.Col.Temp.rain.
V O	"				15 7x	Jan'74			Temp(max-min)wind.clds.rain.
V O	Philadelphia	39 58	75 10	75	85 0x	Jan1748	Dec'70		Sn.Col.Temp.rain(combined records)
V O	"				8 1x	Dec'73	Dec'81		Bar.temp.hyg.wind.clds.rain
S S	"				19 0	Jan'71			Full observations.

List of Stations having less than one year's record and not now in operation

Station	County	Station	County	Station	C
Allegheny Tunnel	Blair	Marshall's Creek	Monroe		
Ashland	Schuylkill	Montrose	Susquehanna	Upper Lehigh	Le
Bradford	Mc.Kean	Oxford	Chester	Warrior's Mark	Hun
Buffalo Township	Butler	Phoenixville	Chester		
Bustleton	Philadelphia	Ringtown	Schuylkill	Washington	Wa
Camp Cadwallader	Philadelphia	Rose Cottage	Jefferson		
Carpenter	Lycoming	St.Mary's	Elk	Western State Express Farm	Sn
Chester	Delaware	Shartlesville	Berks		
Danville	Columbia	Shirleysburg	Huntingdon		
East Brook	Lawrence	Stevensville	Bradford	West Greenfield	We
Factoryville	Wyoming	Sugar Grove	Warren		
Kingston	Schuylkill	Susquehanna Depot	Susquehanna	West Moreland	?
Latrobe	Westmoreland	Scranton	Lackawanna		
Linden	Lycoming	Scenery Hill	Washington	Youngsville	Wa
Milford	Pike	Tidioute	Warren		
Millville Depot	Pike	Towanda	Bradford		
Mt.Rock(near)	Cumberland	Troy Hill near Pittsburg	Allegheny		

X Record broken.

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		°	′	°	′							
	PROVIDENCE											
V O	Chepachet	42	00	72	30	180	1	8	Sep'76	Apl'78		Temp.wind.clds.
W S	Lonsdale	41	55	71	24	234	4	2	Nov'85		T	Rain.
V O	North Scituate	41	50	71	34	300	1	6	Jan'53	Jun'54		Sm.Col.temp.rain.
W S	Olneyville	41	48	71	29	25	4	0	Jan'86			Temp.rain.
W S	Pawtucket	41	50	71	25	75	5	1	Dec'84			Temp.rain.
V O	Providence	41	50	71	25	135	45	0	Jan'29	Dec'73		Sm.Col.temp.rain.
V O	"						16	0	Jan'74			Temp.rain.
V O	Smithfield	41	57	71	28	232	1	2x	Jul'06	Oct'07	R	Sm.Col.temp.
W S	Woonsocket	41	59	71	32	159	4	10x	Feb'85			Temp.rain.
	BRISTOL											
W S	Bristol	41	40	71	16	53	3	8	May'86			Temp.rain.
	WASHINGTON											
V O	Kingston	41	29	71	32	111	1	5	Aug'83			Temp.rain.
S S	Narragansett Pier	41	25	71	29	22	7	3	Apl'82		R	Temp(max-min) wind.rain.
S S	Point Judith	41	22	71	29		3	1x	Oct'82	Oct'85		Temp(max-min).wind.rain.
M D	Fort Wolcott	41	30	71	20	20	14	0	Jan'22	Dec'35	R	Temp.
	NEWPORT											
M D	Fort Adams	41	29	71	20	40	32	7x	Oct'41			Temp.wind.clds.rain.hyg.bar.
S S	Block Island	41	10	71	36	26	9	4	Sep'80			Full observations.
V O	Newport	41	29	71	19	25	48	7x	Oct'16	Dec'75		Sm.Col.temp.rain.
V O	"					70	1	5	Mar'74	Jul'75		Temp.wind.clds.rain.hyg.bar.
S S	"					70	7	8	Aug'75	Mar'83		Full observations.
W S	"						4	6x	Jan'35		R	Temp.

List of Stations having less than one year's record and which are not now in operation.

Station	County
East Providence	Providence
Acquidneset	Kent
Hayatt Point	Bristol
Dutch Island	Newport
Little Compton	Newport
Rose Island	Newport

X Record broken.

[illegible]

[illegible]

[illegible]

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	OCONEE	° ′	° ′						
W S	Walhalla	34 45	83 02		5x	Jul'89			
	GREENVILLE								
V O	Greenville	34 47	82 23		2 0x	Apl'39	Oct'45	R	Sm.Col.
C R	"	"	"		3 3x	Apl'84			
V O	Hacienda Saluda	34 47	82 25	1500	2 0x	Sep'71	Sep'73		Sm.Col.
V O	"	"	"		2 4	Jan'74	Apl'76		Temp, clds., wind, rain.
V O	Simpsonville	34 40	82 10		5x	Jul'89			Temp. (max., min.,) rain.
	SPARTANBURGH								
V O	Cedar Springs	34 55	81 58	846	2 3	Oct'87	Oct'89		Temp, wind, weather, rain.
V O	Spartanburgh	34 54	81 54	745	2	Jun'74	Jul'78		Temp, wind, clds, rain.
V O	"	"	"		2	Nov'89			" " " "
C R	"	"	"		5 0x	Apl'82			
V O	"		81 52		2 3	Jun'85	Aug'87		(3 miles East) Temp, wind, weather, rain.
V O	Pacolet	34 52	81 49		2 2	Dec'84	Jan'87		Temp, wind, weather, clds, rain.
W S	"	"	"		3	Feb'87	Apl'87		
	UNION								
V O	Wilkinsville	34 53	81 36		1 1x	Sep'67	Nov'68	R	Sm.Col.
V O	Gowdeysville	34 53	81 40	600	4 3x	Mar'69	Dec'73		Sm.Col.
	YORK								
W S	Yorkville	34 54	81 15		3 0	Jan'67	Dec'69	T	Table of monthly rainfall.
W S	"				1 2x	Jan'87			Temp. (max-min-) rainfall.
	CHESTER								
C R	Chester	34 40	81 15		4 5x	Apl'82			
	CHESTERFIELD								
W S	Brewer Mine	34 45	80 30			Mar'87			Temp (max-min) rain, barom.
C R	Cheraw	34 43	79 53		5 3	Apl'82			'87 & '88 complete year
	ANDERSON								
C R	Anderson	34 27	82 41		2 3x	Jun'84	Oct'87		
V O	Evergreen	34 22	82 46		1 8	Sep'68	Apl'70	T	Sm.Col. (Temp. for 4 mos.)
W S	"	"	"		1 11x	Aug'87			Temp (max-min), rain.
	ABBEVILLE								
V O	Abbeville	34 12	82 22		1 0	Jul'38	Jun'39		Sm.Col.
					1 11	Jan'87	Nov'88		Temp (max-min), rain.
C R	Greenwood	34 13	82 10		3 3x	Jun'84			
V O	Barrattsville	34 10	82 20		1 10	Jun'49	Mar'51	T	Sm.Col.
	LAURENS								
W S	Clinton	34 48	81 53		1 9x	Mar'88			Temp (max-min), rain.
	NEWBERRY								
W S	Belmont	34 20	81 40		2 11	Feb'87			(Also known as Newberry)
V O	Pomaria	34 10	81 30	320	1 9	Apl'72	Dec'73		Sm.Col.
V O	"	"	"		1 2	Jan'74	Feb'75		Temp, wind, clds., rain.
	FAIRFIELD								
W S	Winnsborough				2 10	Mar'87			Temp (max-min), rain.

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		° ′	° ′						
	KERSHAW								
V O	Camden	34 16	80 38		1 0	Jan'38	Dec'38	R	Sm.Col.
V O	"	"	"		8 2	May'49	Dec'57		Temp. from Jan'54-Sm.Col.
V O	"				3	Nov'73	Jan'74	R	Temp.at 7 A.M.
V O	Kirkwood	34 17	80 33	232	3	'50	'52	T	(near Camden).Average monthly rainfall.Sm.Col.
V O	"	"	"		4 5	Aug'85			Temp.wind.clds.rain.
V O	"	"	"		23 0	Jan'66	Dec'88	R	Table of monthly rainfall.
	DARLINGTON								
W S	Timmonsville	34 09	79 54		1 8	May'88			Temp.(max-min),rain.
C B	Florence				4 10x	Apl'82			
	MARION								
W S	Marion	34 10	79 22		1 9x	Jan'87	Oct'88		Temp.(max-min.),rain.
	EDGEFIELD								
V O	Edgefield	33 45	81 55		1 0x	Jan'75	Jan'76	R	Temp.wind.clds.weather,One report Jan'57
	LEXINGTON								
C R	Batesburg	33 53	81 30		3 0x	Jun'84			
	RICHLAND								
V O	Columbia	34 00	81 03	315	2 8x	Jan'50	Sep'59		Badly broken-Sm.Col.
M D	"	"	"		5 7	Jun'72	Dec'77		Temp.hyg.wind.clds.rain.
V O	"	"	"		1 3	Apl'81	Jun'82		Bar.temp.wind.clds.rain.
S S	"	"	"		7 4	Sep'81			Cotton region station to May'87.Changed to 2nd.order Jun'87 and to 3rd.order Jan'1,1889
	SUMTER								
V O	Statesburg.	33 55	80 32	500	8 11	Feb'81			Temp.wind.clds.rain.max and min.temp.from Jun'85
	HORRY								
W S	Conway	33 53	79 00		1 6x	Feb'88			Temp.(max-min)rain
	AIKEN								
V O	Aiken	33 32	81 34	565	15 7x	Jan'56	Dec'73		Sm.Col.
V O	"	"	"		11 4x	Jan'74			Bar.temp.hyd.wind.rain.
	ORANGEBURG								
C R	St.Matthews	33 38	80 42		4 4x	Apl'82			
V O	Orangeburg	33 30	80 48		1 8x	Aug'49	Mar'51	R	Monthly averages.Sm.Col.
W S	"	"	"		4	Mar'88	Jun'88		
C R	Branchville	33 13	80 43		4 7x	Apl'82			

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		°	′	°	′							
	CLARENDON											
V O	Fulton	33	40	80	31	150	7	0	Jan'18	Dec'24	T	Sm.Col.
	WILLIAMSBURG											
C R	Kingstree	33	39	79	50		4	3x	Apl'82			
	GEORGETOWN											
V O	All Saints	33	40	79	17	20	9	4x	Jan'51	Apl'61		Also known as Waccamaw. Temp.from Nov'54.
	BARNWELL											
C R	Blackville	33	20	81	16	296	3	4x	Jun'84			
W S	Belfast	33	02	81	14		1	1	Mar'87	Mar'88		Temp.(max-min),rain.
C R	Allendale	33	04	81	16		4	7x	Apl'82			
	COLLETON											
C R	St.George's	33	11	80	33		4	6x	Apl'82			
C R	Jacksonborough	32	44	80	23		4	6x	Apl'82			
	BERKELEY											
W S	Trial	33	25	80	15		1	8	May'88			Temp.(max-min),rain
V O	Black Oak	33	19	80	00		1	8	'44	'45	R	Sm.Col.
V O	St.John's	32	42	80	11	50	13	2x	Jan'46	Mar'61		Sm.Col.
	CHARLESTON											
V O	Charleston	32	47	79	56	25	24	9x	Jan' 1738	Oct'61		Rain complete from 1738 to 1759 and from 1841 to 1859 Sm.Col.
M D	Fort Moultrie	32	46	79	51	25	32	0x	Jan'23	Dec'59		(near Charleston)Rain from Nov'42 .Sm.Col.
	" "						/	"	"	" 60		
	HAMPTON											
V O	Robertsville (near)	32	36	81	12	50	1	0	Jan'43	Dec'43		Sm.Col.
	BEAUFORT											
C R	Yemassee	32	38	80	49		3	4	Apl'82	Nov'87		
V O	Beaufort	32	20	80	40		1	5x	Jul'63	Mar'65		Sm.Col.
M D	" "		"		"			2x	Oct'63	Sep'64		Temp.Hyg.wind.clds.rain.
V O	" "		"		"			1	May'89			Temp.and rain.
V O	Port Royal	32	19	80	40			7	Jun'89			Temp.and rain
V O	Edisto Island							11x	Feb'56	Jan'57		Sm.Col.
C R	Hardeeville	32	15	81	05		5	0x	Apl'82			
V O	Bluffton	32	14	80	54		1	0	Jan'70	Dec'70		Sm.Col.
M D	Hilton Head	32	14	80	40		5	2x	Apl'62	Dec'67		Temp.Hyg.wind.weather rain Bar.from Jan'66.

X Record broken.

Fragmentary Records of less than a year in length are on file from the following stations.

Black's.....York Co.
Burnhamville.....Richland Co.
Bennettsville.....Marlborough Co.
Braddock's Point..... Beaufort Co.
Due West.....Abbeville Co.
Fort Sumter.....Berkeley Co.
Fort Hill.....York Co.
Graham's Turnout.....Barnwell Co.
Hampton.....Hampton.Co.
Holland's Store.....Anderson Co.
Limestone Springs.....Spartanburg Co.
Morris Island.....Berkeley Co.
Mount Pleasant.....Berkeley Co.
Nightingale Hall.....? ? ?
Richmond Hill.....Edgefield Co.
Union.....Union Co.
Windsor.....Aiken Co.
Williamstown.....Anderson Co.

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	WALWORTH	° ′	° ′							
V O	Scranton	45 00	100 00		0	1	Dec'89			Temp.rain.
	DAY									
M D	Ft.Sisseton									
	(Ft.Wadsworth)	45 43	97 40	2000	19	11x	Sep'66	May 89		Bar.temp(max-min)hyg.wind.rain.
V O	Webster	45 19	97 34	1404	7	7	Jun'82		R.	Temp(max-min)wind.
	GRANT									
V O	Millbank	45 13	96 40	1149	0	1	Dec'89			Temp.rain.
	CLARKE									
V O	Clarke	45 00	97 45	1735	0	6	Jul'89			Temp(max-min)rain.wind.
V O	Garden City	44 57	97 35		1	11x	Oct'87	Sep'89		Temp(max-min)rain.wind.clds.
	CODINGTON									
V O	Henry	44 50	97 32	1823	1	0	Oct'86	Sep'87		Temp,rain.hyg.wind.clds.
	LAWRENCE									
S S	Deadwood	44 23	103 43	4600	9	11x	Jan'78	Dec'87		Full observations.
M D	Fort Meade	44 26	103 28	3624	10	0x	Jul'79			Bar.temp(max-min)rain.wind.
S S	"				2	7	Apl'81	Oct'83		Temp(max-min).rain.wind.
S S	Smithville	44 12	102 23	2750	1	11x	Jun'81	May 83		Temp(max-min).rain.wind.
V O	Spearfish	44 30	103 58	5000	1	0	Jan'89			Temp.rain.wind.
	STANLEY									
S S	Fort Bennett	44 42	100 39	1510	5	2	Oct'80	Nov'85		Full observations.
M D	"				1	0	Jan'89			Temp.rain.
~~V O~~	Fort Pierce	44 23	100 24	1456	2	5	Jan'54	Apl'57		Temp.rain. Am Col.
	SULLY									
V O	Goddard	45 00	98 00		1	1	Feb'88	Mar'89		Temp.rain.wind.
V O	Onida	45 00	100		0	11	Feb'89			Temp.rain.wind.
M D	Fort Sully	44 39	100 39	1600	3	11	Jan'66	Apl'72		Bar.temp(max-min)rain.hyg.
S S	"				5	5	May 72	Oct'77		Full observations.
M D	"				3	9	Nov'77	Jul'81		Temp(max-min)rain.wind.clds.
S S	"				8	3	Aug'81			Full observations.
	HYDE									
V O	Highmore	44 30	99 30	1895	1	2x	Feb'87	Feb'89		Temp.rain.wind.
	BEADLE									
S S	Huron	44 21	98 09	1307	3	6	Jul'81			Full observations.
V O	Wolsey	44 24	98 30		1	0	Jan'89			Temp.rain.wind.

X Record broken.

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	KINGSBURY								
V O	De Smet	44. 21	97. 50	1726	0 11	Feb'89			Temp.rain.wind.
	BROOKINGS								
V O	Brookings	44 42	96 49	1636	1 6	Jun'88			Bar.temp(max-min)rain.wind.
	PENNINGTON								
S S	Rapid City	44 04	103 17	3280	2 4	Feb'81	May 83		Temp(max-min).rain.wind.
	LYMAN								
M D	Fort Hale	44 02	99 26	1400	5 5	Jan'79	May 84		Temp(max-min).rain.wind.
M D	Lower Brule Agency	43 48	99 27	1400	3 4	Sep'75	Dec'78		Temp(max-min.rain.wind.
	SANBORN								
V O	Woonsocket	44 02	98 12		1 9	Apl'88			Temp(max-min).rain.wind.
	BRULE								
V O	Kimball	43 43	98 59		3 9	Apl'86			Temp.rain.wind.
	AURORA								
V O	Firesteel or Morriston	43 40	97 53	1300	9 4	Feb'75	Jul'84	T	Rain.wind.
	HANSON								
V O	Alexandria	43 38	97 47		2 8x	Mar'82			Temp.rain.wind.clds.
	TODD								
M D	Fort Randall	43 04	98 42	1245	31 3x	Nov'56			Bar.temp(max-min)hyg.rain. wind.
	HUTCHINSON								
V O	Olivet	43 14	97 41	1270	5 7x	Mar'77	Nov'82		Temp.rain.wind.
V O	Parkston	43 25	98 00	1500	2 8x	Feb'87			Temp(max-min).rain.wind.
	LINCOLN								
V O	Canton	43 16	96 30	1291	0 6x	Jul'89			Temp(max-min).rain.wind.
M D	Fort Dakota	43 45	96 30		1 6x	Jul'66	Jun'69		Temp.wind.rain.
	YANKTON								
V O	Yankton	42 56	98 23	1196	1 9x	Jan'60	Dec'62		Temp.rain.
S S	"			1228	16 8	Apl'73			Full observations.
	CLAY								
V O	Vermillion	42 27	96 53	1255	3 1x	Dec'83		R	Bar.temp.hyg.wind.

List of Stations which have less than one year's record and which are not now in operation.

Station	County	Station	County	Station	County
Armour	Douglas	Long Creek	Lincoln	Roscoe	Moody
Bon Homme	Bon Homme	Mammoth Spg's	Pennington	Spring Lake	Kingsbury
Dakota City	Hutchinson	Mouth Cherry	Stanley	Wentworth	Lake
Grand View	Douglas	Redfield	Spink	Wicklow	Lake
Lead City	Lawrence	Yankton Indian Agency(Ft.Greenwood)		Charles Mix.S.D.G.	

X Record broken.

Temp.rain.wind.

Dur.temp(max-min).rain.wind.

Temp(max-min).rain.wind.

Temp(max-min).rain.wind.

Temp(max-min).rain.wind.

Temp(max-min).rain.wind.

Temp.rain.wind.

Temp(max-min).rain.wind.

Temp.rain.wind.side.

Dur.temp(max-min)&.rain.
wind.

Temp.rain.wind.
Temp(max-min).rain.wind.

Temp(max-min).rain.wind.
Temp.wind.rain.

Temp.rain.
Full observations.

E Dur.(temp.)&.wind.

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		° ′	° ′						
	WEAKLEY								
W S	Dresden	36 20	88 45		1 0x	Aug'84	Aug'85		Temp.(max.min.)Wind Rain.
	HENRY.								
C R	Paris	35 40	88 26		3 4x	Apl'82	Oct'87		Max.min.temp. & Rain.
V O	"				6	Jan'86	Jun'86		(West Sandy)Temp.Wind,Clds.R.
W S	"				2 0x	May'83	Oct'87		Temp.(max.min.) Wind & Rain.
	STEWART.								
V O	Dover	36 29	87 55		4 5	'46	'50		Average Temp. Sm. Col.
	MONTGOMERY.								
C R	Clarksville	36 23	87 20	481	1 2x	Apl'82	Oct'83		Max.min.Temp. & Rain.
V O	Clarksville (near)				19 11	Jan'54	Dec'73		Glenwood Cottage.Temp. for 3 months only. Sm. Col.
V O	Clarksville "				6 2x	Jan'74	Mar'81		Bar.Temp.Hyg.Wind,Clds.Rain.
W S	Clarksville "				1 1	Dec'88			T.(max.min.)Wind, Rain.
W S	Sailors Rest	36 24	87 35		3 7x	Feb'83	Feb'87		" "
	SUMNER.								
V O	Castalina Spgs.	36 25	86 19	500	1 11	Jan'72	Nov'73		Rain broken. Sm. Col.
V O	" "				2 10	Jan'74	Oct'76		Temp.Wind,Clds.Rain.
	CAMPBELL.								
W S	Careyville	36 15	84 10		4 4x	Apl'83	Oct'87		Temp.(max.min.)Wind, Rain.
W S	Jacksboro	36 15	84 08		1 5	Aug'88			" " "
	CLAIBORNE.								
V O	Cumberland Gap	36 34	83 36		5x	Apl'89			Temp.(max.min.) Rain.
W S	Springdale	36 24	83 30		1 3x	Sep'88			Temp.(max.min.)Wind,Rain.
	HAWKINS.								
W S	Rogersville	36 25	83 00		5 0x	May'83			" " "
S S	"				2 5	Aug'87		T	Special Rainfall station.
V O	Rotherwood	36 30	82 48	2000	1 4	Jan'72	Apl'73		Smithsonian Collection.
	HOUSTON.								
C R	Erin	36 18	87 43		1 1x	May'82	Oct'83		Max.min.Temp. & Rain.
	DICKSON.								
W S	Dickson	36 15	87 30		2 2x	Jun'84	Mar'87		Temp.(max.min.)Wind & Rain.
	CHATHAM.								
W S	Kingston Spgs.	36 10	87 04	500	3 11x	Mar'83			" " "

X Record broken.

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	DAVIDSON.	°	′	°	′							
V O	Nashville	36	10	86	47	553	8	4x	Jan'34	Feb'67		Smithsonian Collection.
M D	"							1	Aug'62			Temp. & Wind.
S S	"						19	2	Nov'70			2d Order station. River Obs.
W S	Watkins	36	10	86	57	600	1	11	Feb'88			Bar. Temp. (max. min.) Wind, Rain.
	GREENE.											
V O	Greeneville	36	10	82	49		4	6x	Jul'43	May'73		(Tusculum College) Sm. Col.
W S	"					1581	6	7x	Apl'83			Temp. (max. min.) Wind, Rain.
V O	Tusculum	36	05	82	50		3	3x	Jan'77	Mar'81		Temp. Wind, Clds. Rain.
	WASHINGTON.											
W S	Jonesboro	36	13	82	28	2000	1	9x	Nov'83	Apl'88		Temp. (max. min.) Wind, Rain.
	CARTER.											
V O	Elizabethton	36	18	82	12	1500	5	4x	Jan'68	May'73		Smithsonian Collection.
	DYER.											
W S	Dyersburg	36	00	89	20		2	11x	May'83	Oct'87		Temp. (max. min.) Wind, Rain.
C R	"						3	4x	Apl'84			Max. min. Temp. & Rain.
	GIBSON.											
M D	Ft. Humboldt	35	49	88	56	368	6	3x	Dec'69	May'76		Temp. (max. min.) Wind, Rain.
C R	Milan	35	55	88	46	440	4	4x	Apl'82			Max. min. Temp. & Rain.
V O	"						6	6	Jul'83			T. (max. min.) Hyg. Wind, Clds, Rain.
V O	Trenton	36	58	88	58	450	3	9x	Feb'69	Jan'73		Smithsonian Collection.
W S	"						6	6	May'83			Temp. (max. min.) Wind, Rain.
	CARROLL.											
W S	Huntingdon	36	05	88	23	620	1	2x	May'83	May'86		" " "
W S	McKenzie	36	10	83	30	515	4	7x	Feb'83			" " "
	HUMPHREYS.											
Riv	Johnsonville	36	07	87	59		9	5x	Oct'75		T	Rain for 4 yrs. 3 mos.
W S	Waverly	36	00	87	45	525	2	9x	Feb'83	Jan'88		Temp. (max. min.) Wind & Rain.
	WILSON.											
V O	Austin	36	12	87	10	568	15	1x	Apl'74			" " "
V O	"						5	7x	Jan'61	Dec'73		Smithsonian Collection.
V O	Lebanon	36	15	86	15		2	6x	Nov'50	Mar'55		(Cumberland University) Average Temp. & 4 mos. Rain. Sm. Col.
W S	Leeville	36	10	86	22		1	3	Oct'83			Temp. (max. min.) & Rain.

X Record broken.

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		° ′	° ′						
	SMITH.								
V O	Alexandria	35 50	85 56		3	'51	'52	R	Smithsonian Collection.
W S	" (near)				1 3	Mar'83	May'84		Temp.Wind,Rain.
Riv	Carthage	36 14	85 56		3 4x	Feb'85		T	River & Rainfall observations.
V O	Dixon Springs	36 20	86 08		I 0	Feb'52	Jan'53	R	Smithsonian Collection.
W S	Riddleton	36 19	86 07		5 2	May'83	Jun'89		Bar.T.(max.min.)Wind & Rain.
V C	"				1 6	Jul'88			" " "
	PUTNAM.								
W S	Cookville	36 10	85 30	650	3 8x	Jun'84	Sep'88		Temp.(max.min.) Wind & Rain.
	MORGAN.								
V O	Rugby	36 21	84 42	1300	1	Jan'81			Bar.Temp.Hyg.Wind,Clds.Rain.
W S	"				10x	Jan'88			Temp.(max.min.)Wind & Rain.
W S	Sunbright	36 15	84 40	1350	1 0x	Apl'84	Feb'88		" " "
	ANDERSON.								
W S	Andersonville	36 30	83 58		6 3x	Apl'83			Temp.(max.min.) Rain.
Riv	Clinton	36 05	84 06		2 2x	Dec'84		T	River & Rainfall Observations
	KNOX.								
V O	Knoxville	35 56	83 58	920	4 0x	Jan'54	Jan'72		Smithsonian Collection.
S S	"				18 11	Feb'71			2d Order station.River record much broken.
	JEFFERSON.								
Riv	Strawberry Pl.	36 04	83 40		1 11x	Feb'85		T	River & Rainfall observations.
	CROCKETT.								
W S	Gadsden	35 45	89 00		1 6x	Feb'83	Oct'84		Temp.(max.min.)Wind & Rain.
	TIPTON.								
W S	Covington	35 33	89 38		6 4x	Mar'83			" " "
C R	"				3 2x	Jun'84			Max.min.Temp. & Rain.
	HAYWOOD.								
C R	Brownsville	35 33	89 10		4 6x	Apl'82			" " "
	MADISON.								
V O	Jackson	35 47	88 48	500	9	Mar'72	Nov'72		Smithsonian Collection. (V.O. Jan'77,Jun'77 T.Wind,Clds.R.)
	HICKMAN.								
W S	Hunnelly	36 00	87 30	525	2 3	Oct'87			Temp.(max.min.)Wind & Rain.

X Record broken.

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		°	′	°	′							
	WILLIAMSON.											
V O	Franklin	35	50	86	48			6	Jul'67	Dec'67	R	Smithsonian Collection.
W S	"						1	5	May'83	Sep'84		Temp.(max.min.)Wind,Rain.
	RUTHERFORD.											
W S	Florence Stn.	35	56	86	24	500	3	10	Mar'83			Temp.(max.min.) Wind & Rain.
V O	Murfreesboro	35	50	86	25		1	6x	Feb'82	Nov'83		Temp.Hyg. Wind,Clds. Rain.
W S	"		"					2	May'84	Jun'84		Temp.(max.min.)Wind & Rain.
	DE KALB.											
V O	Smithville	35	50	85	40	1200	1	7x	Apl'72	Nov'73		(6 miles SW.) Sm. Col.
V O	Smithville						2	3x	Jan'74	Dec'76		Temp.Wind,Clds.Rain.
W S	"						1	5	Mar'83	Jul'84		Temp.(max.min.)Wind,Rain.
	CUMBERLAND.											
W S	Grassy Cove	35	50	84	51	1200	1	7x	Feb'83	Feb'85		" " "
V O	Pomona	35	56	85	03		1	7x	Oct'59	Mar'61		3 months rain only. Sm. Col.
	ROANE.											
Riv	Kingston	35	51	84	29		2	2x	Dec'84		T	River & Rainfall Observations.
W S	"							5x	May'89			Temp.(max.min.) & Rain.
V O	Rockwood	35	53	84	37	931		6	May'76	Oct'76		Bar.Temp.Wind,Clds.Rain.
Riv	"						1	9x	Dec'84		T	River & Rainfall Observations.
	WARREN.											
V O	Clearmont	35	44	86	02	1000	2	9	Jun'70	Feb'73		Rain broken. Sm. Col.
V O	McMinnville	35	45	85	43	1000	1	6x	Jan'70	Dec'73		Smithsonian Collection.
V O	"						7	3	Jan'74	Apl'81		From "Data Books".
V O	"						2	5	May'83	Nov'89		Temp.(max.min.)Wind & Rain.
	BLEDSOE.											
W S	Farmingdale	35	40	85	10	2000	3	2x	Jun'84	Aug'87		" " "
	RHEA.											
W S	Grand View	35	45	84	05	1635	1	0	Mar'83	Feb'84		Temp.(max.min.)Wind.-R. broken.
	LOUDON.											
Riv	Loudon	35	44	84	18		2	2x	Dec'84		T	River & Rainfall Observations.
	BLOUNT.											
W S	Maryville	35	45	84	00	960	2	11x	Mar'83	Jun'89		Temp.(max.min.)Wind & Rain.
	LEWIS.											
W S	Hohenwald	35	30	87	30	925	5	5x	May'83			" " "

X Record broken.

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	MAURY.	°	′	°	′							
V O	Ashwood	35	36	87	00	725	10	10	Mar'79			Temp., Wind & Rain.
Riv	Columbia	35	37	87	01		3	0	Jan'87		T	River & Rainfall observations.
W S	Hardison's Mill	35	40	86	52	600	2	6x	Mar'83	Jul'86		Temp. (max.min.) Wind & Rain.
W S	Hurricane-Switch	35	33	86	58	624	3	4x	Jan'84	May'87		" " "
	MARSHALL.											
W S	Lewisburg	35	28	86	45		1	3x	Feb'88			Temp. (max.min.) Rain.
	BEDFORD.											
W S	Flat Creek	35	30	86	40	1040	2	6	Feb'83	Jul'85		Temp. (max.min.) Wind & Rain.
	COFFEE.											
W S	Beech Grove	35	30	86	06	1000	5	1x	Mar'83	Sep'88		" " "
W S	Manchester	35	24	86	04	1050	4	5	Feb'83	Jun'87		" " "
W S	Tullahoma	35	21	85	58			7x	Apl'89			Temp. (max.min.) & Rain.
	SEQUATCHIE.											
W S	Dunlap	35	23	85	24			8x	Apl'89			" " "
	HAMILTON.											
Riv.	Chattanooga	35	04	85	15	783	2	0	Jan'76	Dec'78	TR	River observations only.
S S	"						11	0	Jan'79			2d Order station with Riv.obs.
V O	"							1	Apl'64		R	Smithsonian Collection.
V O	"							5	Dec'75	Apl'76		Bar.Temp.Wind,Clds. & Rain.
V O	Lookout Mt.	35	00	85	27	1626	5	8x	Jun'66	Apl'72		Temp.& 8 months of Rain.Sm.Col.
W S	" "	35	02	85	16	2500	1	0	Nov'88	Oct'89		Temp. (max.min.) Wind & Rain.
	SHELBY.											
C R	Arlington	35	18	88	40		4	6x	Apl'82			Max.min.Temp.& Rain. Station known as Withe to Feb.24'86.
V O	Memphis	35	09	90	03	349	15	5	Aug'49	Jun'76	T	Average monthly Rain.Sm.Col.
V O	"						7	4x	Mar'50	Mar'70		Smithsonian Collection.
S S	"						18	10	Mar'71			2d Order station with Riv.Obs.
W S	Woodstock	35	16	90	05		2	9x	Mar'83	Sep'89		Temp. (max.min.) & Rain.
	FAYETTE.											
V O	LaGrange	35	04	89	12	650	4	1x	Apl'58	Dec'73		Smithsonian Collection.
V O	"						2	6x	Jan'74	Aug'76		Temp.Wind,Clds.Rain.
W S	Somerville	35	10	89	20		1	4x	Jan'84	Oct'85		Temp. (max.min.) Wind & Rain.

X Record broken.

														MARTY.
0	Adrenal	25	32	47	00	722	10	10	Mar'73					Temp.,Wind & Rain.
0	Chiao is	25	37	37	01		3	0	Jan'67		T	River & [illegible] observations.
0	Tarpiam's MIXTS	40	23	23	300	3	2x	Mar'72	Jul'88			Temp.(max.min.)Wind & [illegible]
0	Partlamb's											
	Swiss	20	32	23	28	224	5	4x	Jan'84	Sep'87		" " "
												MONSOON.
3	Lamphier	2	33	23	42		1	1x	Dec'72			Temp.(max.min.) Rain.
												SEPTEMBER.
3	Ziel Cria	24	20	27	40	1010	3	6	Dec'72	Jul'80		Temp.(max.min.) wind & Rain.
												CHINA.
3	Jagel Crove	24	21	21	09	1000	5	1x	Nov'92	Sep'32		" " "
3	Ibarchwalet	25	24	20	04	1000	4	5	Dec'82	Jan'87		" " "
3	Tailshine	24	21	22	32			7x	Apl'39			Temp.(max.min.) & Rain.
												SEASONSIX.
3	Tailp	2	20	23	24			8x	Apl'39			" " "
												MARCH.
4	Cavitarvia	2	24	22	15	722	2	0	Jan'78	Dec'78	TR	River observations only.
0	"						11	0	Jan'79			24 Order station with Riv.obs.
0	"							1	Apl'64		R	Sunlight Col.station.
0	"							2	Dec'76	Apl'79		Bar.Temp.Wind,Clds. & Rain.
0	Lookout Mt.	24	00	2	220	2	2x	Jun'80	Apl'72			Temp.& a m.ins of Rain.Sn Col.
0	" "	22	00	27	14	2000	1	0	Nov'88	Oct'89		Temp.(max.min.) Wind & Rain.
												MAILY.
3	Artichoke	23	22	27	0			1x	Apl'82			Max.min.Temp.& Rain. Station
												known as Nithe to Feb.28'88.
0	Angelia	32	22	22	22	342	12	2	Aug'48	Jun'76	T	Average monthly Rain.Sn.Col.
0	"							7	4x	Jan'80	Mar'70	Sunshine Collection.
0	"						12	10	Mar'71			24 Order station with Sun.obs.
3	Sunshine	22	12	20	24		3	6x	Mar'85	Sep'09		Temp.(max.min.) & Rain.
												WEEKLY.
0	Lantvive	32	01	22	12	100	4	1x	Apl'78	Dec'73		Sunshine Collection.
0	"						2	3x	Jan'74	Aug'73		Temp.Wind,Clds.Rain.
0	Sunsvill	32	12	20	20		1	4x	Jan'84	Oct'83		Temp.(max.min.) Wind & [illegible]

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	HARDEMAN.								
W S	Dolivar	35 18	89 00	430	4 10x	Mar'83			Temp.(max.min.) Wind & Rain.
C R	"				3 3x	May'84			Max.min.Temp. & Rain.
C R	Grand Junction	35 03	89 10		4 4x	Apl'82			Temp.max.min. & Rain.
	Mc NAIRY.								
V O	Bethel Springs	35 10	89 05	620	1 9	Mar'72	Nov'73		Smithsonian Collection.
V O	" "				3 1	Dec'73	Dec'76		(Near Purdy)T.Wind,Clds.Rain.
	HARDIN.								
W S	Savannah	35 20	88 25	450	5 10x	Mar'83			Temp.(max.min.) Wind & Rain.
	WAYNE.								
W S	Waynesboro	35 25	87 40		5 0x	Oct'84			" " "
	LAWRENCE.								
W S	Lawrenceburg	35 20	87 20	1200	1 9x	Sep'87	Sep'89		" " "
	GILES.								
W S	Pulaski	35 15	87 00	650	1 1x	May'83	Jun'85		" " "
	LINCOLN.								
V O	Fayetteville	35 09	86 44		2 0	Mar'48	Feb'51	R	Smithsonian Collection.
W S	"				2 11	Feb'87			Temp.(max.min.)Wind & Rain.
W S	Howell	35 15	86 38		3 10	Mar'83	Jan'87		" " "
	FRANKLIN.								
V O	Cumberland Mt.	35 12	86 00	2000	1 3	Jan'60	Mar'61		(University Place) Sm. Col.
	MARION.								
W S	Fostoria	35 10	85 50	1200	5 3x	Feb'84	Sep'89		Temp.(max.min.)Wind & Rain.
V O	"				1	Nov'88			Temp.(max.min.) & Rain.
	BRADLEY.								
Riv	Charleston	35 18	84 42		2 2x	Dec'84		T	River & Rainfall Observations.
V O	Cleveland(near)	35 06	84 40	1000	10x	Feb'73	Dec'73		(Spring Garden) Sm. Col.
V O	" "				3 0x	Jan'74	Aug'78		Temp.Wind & Rain.
W S	Grief	35 11	84 42	825	5 2x	Mar'83			Temp.(max.min.) Wind & Rain.
	POLK.								
W S	Parksville	35 10	84 40	900	5 8x	Sep'83			" " "

X Record broken.

														HAMBURG.
2	Sulzbach	27	19	88	00	120	6	11x	[illegible]					Temp.(max.min.) Wind & Rain.
3	"						2	3x	[illegible]					Abs.min.Temp. & Rain.
4	Prag (Prague)	32	02	10	10		1	4x	[illegible]					Temp.(max.min.) & Rain.
														Le VAIN.
5	Bayerl Nurnberg	22	10	00	00	600	1	9	Nov'72 Apr'73					Smith-Swan (Collection).
6	" "						3	1	Dec'72 Dec'73					(Mean Pulse) T.Bird, Di de.Rain.
														WAUGEN.
7	Tarnow	32	30	88	22	400	6	10x	Mar'82					Temp.(max.min.) Wind & Rain.
														WATTS.
8	Ramsgate	35	23	87	0		5	3x	Oct'94	"	"	"		"
														LAMBRECHT.
9	Lauterbach	22	20	87	20	1200	1	8x	Sep'87 Sep'88	"	"	"		"
														GILES.
8	Pilsen	34	13	87	00	800	1	1x	130'.m. Jun'85	"	"	"		"
														LIVERMAN.
9	Jacksonville	35	09	84	44		2	0	Mar'42 Feb'81	1	Smithsonian Collection.			
2	"						2	11	Feb'87		Temp.(max.min.)Wind & Rain.			
3	Lowell	34	14	84	15		3	10	Mar'00 Jan'87	"	"	"		
														[illegible].
0	Cambridge Mk.	27	12	81	00	3000	1	3	Jan'82 Mar'01	(University Place) Sm. Col.				
														Auvin.
1	Freiburg	32	10	23	10	1200	3	2x	Jan'84 Sep'90	Temp.(max.min.)Wind & Rain.				
2	"						1		Nov'88	Temp.(max.min.) & Rain.				
														DRAZEAY.
3	Clarksville	33	18	84	12		2	2x	Dec'04	1	Nivet & Dunfall Observations.			
0	Elizabeth(Hart)38	08	04	40	1000		10x	Feb'72	Jun'78	(Dpv.Sig Caveau) Sm. Col.				
0	" "						5	2x	Jan'74 Aug'78	Temp.Wind & Rain.				
7	Orlan	28	11	84	40	600	5	3x	Jan'82	Temp.(max.min.) Wind & Rain.				
														P.Ma.
1	Tarnowitz	37	14	34	40	300	1	8x	Sep'82	"	"	"		

Fragmentary Records of less than a year in length are on file from the

Following Stations:
T E N N E S S E E .

Station	County	Station	County	Station	County
Barren Plains	Robertson	Gallatin	Sumner	Quarter	Claiborne
Bethpage	Sumner	Henderson	Chester	Ruthledge	Grainger
Benton	Polk	Hillham	Overton	Sewanee	Franklin
Campbellsville	Giles	Hiwassee Col'ge	Monroe	Springville	Henry
Cedar Ridge	Bledsoe	Hollow Rocks	Carroll	Sweetwater	Monroe
Centreville	Hickman	La Fayette	Macon	Tibbs	Haywood
Chuckaluck	Mc Minn	Leadville	Jefferson	Troy	Obion
Clementsville	Clay	Lexington	Henderson	Union City	Obion
Cog Hill	Mc Minn	Linden	Perry	Vernon	Hickman
Darnall	Lake	Little Sewee	Mc Minn	Walnut Grove	Hardin
Decatur	Meigs	Livingston	Overton	Warner	Hickman
Emory Gap	Roane	Lyhnville	Giles	Wartburgh	Morgan
Estill Springs	Franklin	Mc Nairy	Mc Nairy	West Point	Lawrence
Flippen	Lauderdale	Newport	Cocke	White Bluff	Dickson
Friendship	Crockett	Paradise Valley	Davidson	Winchester	Franklin
				Xenophon	Hancock.

Precipitation Records of less than a year in length are on file from the

Following stations:
T E N N E S S E E .

Station	County	Station	County	Station	County
Barren Plains	Robertson	Gallatin	Sumner	Cracker	Claiborne
Bethpage	Sumner	Hendersonville	Chester	Smithedale	Grainger
Burton	Polk	Hilham	Overton	Swanee	Franklin
Campbellsville	Giles	Hiwassee College	Cocke	Spring Hill	Hardin
Cedar Lodge	Bledsoe	Hollow Rock	Carroll	Sweetwater	Monroe
Centerville	Hickman	La Fayette	Macon	Tibbs	Haywood
Chapelwick	McNairy	Leadville	Jefferson	Troy	Obion
Clarksville	Clay	Lexington	Henderson	Union City	Obion
Cog Hill	McNairy	Linden	Perry	Vernon	Hickman
Darnell	Lake	Little Sewee	McNairy	Walnut Grove	Hardin
Decatur	Meigs	Livingston	Overton	Warner	Hickman
Dove Cap	Monroe	Lynnville	Giles	Warthburgh	Morgan
Earth Springs	Franklin	Mc Nairy	McNairy	West Point	Lawrence
Filippo	Lauderdale	Newport	Cocke	White Bluff	Dickson
Fillmore	Crockett	Paradise Valley	Johnson	Winchester	Franklin
				Zenophon	Hardeman.

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		° ′	° ′						
	OCHILTREE								
V O	Ochiltree	36 19	100 45		3	Nov'89			Temp(max-min)wind.dir.rain
	HARTLEY								
V O	Hartley	35 38	102 18	120	6	Feb'89			Temp(max-min)rain.
	ROBERTS								
SS	Miami	35 42	100 37		1 5x	Mar'88		T	Rain(Repair station)
	CARSON								
V O	Panhandle	35 21	101 19		5	Aug'89			Temp(max-min) rain.
	WHEELER								
S S	Fort Elliott	35 33	100 25	2650	10 0	Dec'79			Full observations.
P H	"				2 11x	Oct'79			Temp(max)hyg.wind.clds.rain (MIN)
	CHILDRESS								
V O	Childress	34 30	100 13		3	Oct'89			Temp(max-min).rain.
	HALE								
V O	Epworth	33 59	101 47		4	Sep'89			Temp(max-min).rain.
	CROSBY								
V O	Silver Falls (Mt.Blanco)	33 48	101 10	2605	3 11x	Jan'86			Bar.temp(max-min)clds.wind. rain.
	CLAY								
S S	Henrietta	33 44	98 09	915	3 11x	Mar'78	Mar'83		Full observations.
	MONTAGUE								
V O	Forestburg	33 27	97 31		11	Feb'89			Temp.rain.
	GRAYSON								
S S	Denison	33 42	96 30	757	7 9	Jul'75	Mar'83		Full observations.
V O	Howe	33 27	96 34		10	Mar'89			Temp.wind.direc.rain.
	LAMAR								
C R	Paris	33 38	95 32	592	4 6x	Apl'82			Temp(max-min).rain.
	RED RIVER								
V O	Clarksville	33 36	95 02	300	12 4x	Nov'71	Aug'85		Bar.temp.wind.direc.clds. rain (1st.4 mo.at Repose near Clarksville)
	THROCKMORTON								
M D	Camp Cooper	31 02	99 15		1 5x	Jan'57	Oct'59		Temp.rain.
	YOUNG								
M D	Fort Belknap	33 03	98 39	1600	7 1x	Jul'51	Dec'58		Temp.rain.

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	YOUNG Con.	° ′	° ′						
S S	Graham	33 05	98 31	1040	3 10x	Jul'77	Apl'83		Full observations.
V O	"				8	May 89			Temp(max-min).rain.
	JACK								
M D	Fort Richardson	33 08	98 08		8	1x	Mar'68	May 78	Temp(max-min)hyg.wind.clds. rain.
S S	Jacksboro	33 08	98 08	1 119	5	7x	Jul'77	May'83	Full observations.
	WISE								
S S	Decatur	33 11	97 33	1130	5	5x	Mar'77	Aug'82	Full observations.
V O	"				2	3	Oct'87		Temp(max-min)wind.clds.rain.
	DENTON								
S S	Pilot Point	33 20	96 55	800?	3	9	Jul'77	Mar'88	Full observations.
	COLLIN								
V O	Melissa(Belmont Farm)	33 07	96 30	722	3 11x	May 72	May 81		Temp.wind.clds.rain.
	HUNT								
V O	Deloraine	33 07	96 02	550	1 4x	Aug'71	Dec'73		Sm.Col.Temp.rain.
	BORDEN								
V O	Durham	32 38	101 22		5	Aug'89		T	Rain.
	JONES								
M D	Phantom Hill	32 24	99 37	2300	2 4	Dec'51	Mar'54		Temp.broken rainfall.
	SHACKELFORD								
M D	Fort Griffin	32 51	99 09		10 0x	Aug'69	Jan'80		Temp(max-min)hyg.wind.clds. rain.
S S	"			1270	4 11	Jun'77	Apl'82		Full observations.
	PARKER								
C R	Weatherford	32 41	97 44	864	4 2m	Apl'82			Temp(max-min).rain.
	TARRANT								
M D	Fort Worth	32 43	97 15	1100	3 10	Nov'49	Aug'53		Sm.Col.Temp.rain.
V O	"				1 1	Nov'88			Temp.rain.
	DALLAS								
V O	Cedar Hill	32 34	96 55	1300	1 3m	Jan'83	Jul'89		Temp.wind.direc.rain.
C R	Dallas	32 43	96 45	436	4 7m	Apl'82			Temp(max-min).rain.
V O	"5 miles E of	32 40	96 40		1 5m	Jul'51	Dec'53		Sm.Col.Temp.rain.
V O	Mesquite	32 43	96 33	540	6 9m	Jun'74			Temp.wind.clds.rain.
	UPSHUR								
V O	Gilmer (near)	32 43	94 57	950	12 4m	Jul'59	Jan'70		Temp.wind.clds.rain.

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	MARION	°	′	°	′							
M D.	Jefferson	32	45	94	20	221	1	11x	Jul'69	May 71		Temp.wind.clds.broken rain.
	KAUFMAN											
V O	Terrell	32	42	96	14	553	1	2x	Mar'76	Apl'79		Temp.wind.clds.rain.
	GREGG											
C R												
V O	Longview	32	30	94	43	336	4	8x	Apl'82			Temp(max-min).rain.
	MITCHELL											
V O	Colorado	32	20	100	49		1	5x	Mar'83			Temp(max-min).rain.
	TAYLOR											
S S	Abilene	32	22	99	40	1748	4	3	Oct'85			Full observations.
V O	Merkel	32	24	99	57			8x	Apl'89			Temp.wind.direc.rain.
	CALLAHAN											
V O	Caddo Peak	32	11	99	12			2	Nov'89			Temp.rain.
	HOOD											
V O	Panter	32	25	97	45		1	5	Aug'83			Temp.rain (Name changed from Granbury)
	JOHNSON											
V O	Cleburne	32	19	97	20	790	7	4x	Jul'80	Nov'89		Bar.temp(max-min)wind.and weather.
	SMITH											
C R	Tyler	32	19	95	16	531	4	7x	Apl'82			Temp(max-min)rain.
	EL PASO											
M D	El Paso	31	45	106	30	3830	1	0x	Aug'50	Aug'51		Temp.rain.
S S	"					3700	11	7	Jun'77			Full observations.
R R	"					3940	5	9x	Nov'81	Dec'87	T	Rain.
M D	Fort Bliss	31	48	106	25	3800	20	11x	Aug'50			Temp.rain.wind.weather.
M D	Fort Hancock	31	19	105	51		1	0	Jan'89			Temp(max-min)hyg.wind.rain.
M D	Fort Quitman	31	03	105	36	3710	4	3x	Jan'50	Jan'74		Temp.hyg.wind.clds.rain.
	MIDLAND											
V O	Midland	31	57	102	03	2779	2	4x	Nov'85	Apl'88		Temp.rain.hyg.wind.weather.
	TOM GREEN											
M D	Fort Chadbourne	31	59	100	08	2120	8	11	May 52	Mar'61		Temp.rain.
M D	Fort Concho	31	24	100	22	1850	13	3x	Aug'72	May 89		Bar.temp(max-min)hyg.wind. clds.rain.

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		°	′	°	′							
	TOM GREEN Con-											
S S	Fort Concho	31	24	100	22	1900	3	5	Apl'77	Aug'85		Full observations
S S	Grierson Sp'gs	31	30	101	10		1	8	Feb'81	Sep'82	R	Temp.(Station 3rd.order)
	COLEMAN											
M D	Camp Colorado	31	51	99	11	.	4	3	Nov'56	Jan'61		Temp.hyg.wind.dir.rain.
S S	Coleman City	31	46	99	20	1710	5	10	Jul'77	Aug'83		Full observations.
	BROWN											
V O	Brownwood	31	41	98	53		1	1	Dec'88			Temp.wind.direc.rain.
	HILL											
M D	Graham	31	57	97	20	900	3	3	Jan'50	Aug'53		Temp.rain(A.M.R.'55)
	NAVARRO											
S S	Corsicana	32	04	96	27	445	7	1	Oct'74	Oct'81		Full observations.
C R												
V O	"						6	4x	Apl'82			Temp(max-min) wind.dir.rain.
	MC CULLOCH											
V O	Brady (near)	31	08	99	18	1500	2	0	Jan'88			Temp(max-min) wind.dir.rain.
	LAMPASAS											
V O	Lampasas	31	06	98	09		1	9	Apl'88			Temp(max-min) wind.rain.
	CORYELL											
M D	Fort Gates	31	23	97	40	1000	2	4	Oct'49	Jan'52	R	Temp.(Schott)
	MC LELLAN											
V O	Waco	31	31	97	04		2	2x	Mar'67	Apl'69		Sm.Col.Temp.rain.
V O	"						1	8x	May 74	Sep'89		Temp.rain.
C R												
V O	"						4	11x	Apl'82			Temp(max-min) wind.rain.
	ANDERSON											
V O	Ft.Houston	31	40	95	42		1	0	Jan'42	Dec'42	R	Temp(Rept.Brit.Assn. 1347)
V O	Palestine	31	44	95	35			10x	Oct'69	Dec'70		Sm.Col.Temp.rain.
S S	"					511	7	10x	Feb'82			Full observations.
	CHEROKEE											
V O	Larissa	32	03	95	13		2	0	Jan'58	Dec'59		Sm.Col.Temp.broken rainfall.
	JEFF DAVIS											
M D	Fort Davis	30	35	103	53	5234	15	6	Nov'54			Temp(max-min)hyg.wind.clds. rain.
S S	"					4923	10	7x	Apl'78	Dec'88		Full observations.
	PECOS											
M D	Camp Stockton	30	53	102	47		9	7x	Jul'59	Oct'77		Temp.(max-min)hyg.wind.clds. rain.

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	PECOS Con.	° ′	° ′						
S S	Camp Stockton	30 53	102 47	3050	9 .3x	Feb'77	Jun'86		Full observations.
	CROCKETT								
M D	Ft.Lancaster	30 45	101 44	2350	4 11x	May 56	Jan'62		Temp.hyg.wind.clds.rain.
M D	Fort Terrett	30 23	100 07	1320	2 0	Jan'52	Dec'53		Sn.Col.Temp.rain.
	MENARD								
M D	Ft.Mc.Kavett	30 45	100 02	2060	15 5x	Jan'52	Apl'80		Temp(max-min) hyg.wind.rain.
S S	"			2240	5 8	Jul'77	Feb'83		Full observations.
V O	Menardville	39 52	99 43		8	May 89			Temp.rain.
	MASON								
M D	Fort Mason	30 49	99 16	1200	6 4x	Jan'52	Feb'61		Temp.wind.hyg.rain.
S S	"	30 44	99 12	1300	4 10	May'77	Mar'82		Full observations.
	LLANO								
M D	Ft.Croghan	30 40	98 20	1000	4 3	Jun'49	Aug'53		Temp.rain.
	BURNET								
V O	Mahomet	30 46	98 02		2 0	Jan'85	Dec'86	T	Rain.
	BELL								
C R / V O	Belton	31 02	97 27	620	4 6x	Apl'82			Temp(max-min).rain
	ROBERTSON								
V O	Farm(Bremond)	30 08	96 33	431	1 1x	Apl'69	May'70	T	Sn.Col.Rain.
C R / V O	Hearne	30 50	96 32	305	4 5x	Apl'82			Temp(max-min).rain.
	WILLIAMSON								
V O	Cross Roads	30 21	97 31	672	1 2	Nov'59	Dec'60		Sn.Col.Temp.broken rainfall.
V O	Round Rock	30 30	97 39	720	4	Sep'89			Temp.rain.
	BRAZOS								
V O	College Station	30 35	96 18	330	2 1x	May 82			Bar.temp.hyg.wind.dir.rain.
	WALKER								
V O	Huntsville	30 42	95 31	400	1 2x	Feb'54	Dec'59		Sn.Col.Temp.rain.
C R / V O	"				5 5x	Apl'82			Bar.temp(max-min)wind weather.
	HAYTON								
V O	Lurkville	31 00	93 32		1 6	Nov'59	Apl'61		Sn.Col.Temp.broken rainfall

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	GILLESPIE	°	′	°	′							
S S	Fredericksburg	30	17	98	51	1742	5	11	Apl'77	Feb'83		Full observations.
V O	*5 1-2 Miles S E of							9	Apl'89			Temp(max-min).rain.
	TRAVIS											
M D	Austin	30	16	97	42	650	21	8	Jan'54	Aug'75		Temp(max-min) wind.rain.
V O	"						14	7x	Jan'74			Temp(max-min)wind.clds.rain.
C R	"						2	4x	Apl'82	Oct'87		Temp(max-min).rain.
V O	Duval	30	25	97	42			7	Jun'89			Temp.rain.
V O	Webberville	30	13	97	30	394	1	3x	Jan'59	Apl'61		Sn.Col.Temp.rain.(Parson's Summary)
	BURLESON											
V O	Blue Branch	30	22	97	07	600	4	3x	Jan'69	Oct'73		Sn.Col.Temp.rain.
	PRESIDIO											
M D	Camp near Presidio	29	34	104	24	2779	1	3x	Apl'81	Aug'82		Temp(max-min)wind.rain.
	BUCHEL											
M D	Camp Pena Colorado	30	12	103	25		1	1	Dec'88			Temp(max-min)wind.dir.rain.
	KERR											
M D	Camp Verde	29	53	99	00	1400	6	3x	Nov'56	Feb'69		Temp.hyg.wind.clds.rain.
M D	Fort Martin Scott	30	15	99	06	1300	2	7x	Aug'49	Mar'52		Temp.rain.
	KENDALL											
V O	Boerne	29	43	98	44			9x	Apl'72	Jan'73	R	Sn.Col.Temp.
S S	"					1333	3	7x	Sep'73	Jun'80		Full observations.
V O	Comfort	29	58	98	57	1430	9	10x	Jan'76	Aug'87		Temp.rain(only 6 mos.of Temp '76)
V O	Sisterdale	29	58	98	52	1000	1	0	Jan'59	Dec'59		Sn.Col.Temp.rain.
	LASTROP											
V O	Pin Oak	29	45	97	02		1	0	Jan'56	Dec'56		Sn.Col.Temp.rain.
	WASHINGTON											
C R												
O	Brenham	30	11	96	22	350	2	11x	Aug'85			Temp(max-min).rain.
V O	Union Hill or Long Point	30	13	96	30	542	3	7x	Jan'57	Aug'67		Sn.Col.Temp.rain.
V O	Washington	30	20	96	19	330	2	0x	Dec'59	Dec'60		Sn.Col.Temp.rain.

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	HARDIN	° ′	° ′						
C R	Sour Lake	30 12	94 17	47	3 10x	Apl'82	Oct'83		Temp.(max-min).rain.
	COMAL								
V O	New Braunfels	29 40	98 08	720	6 9x	Jan'54			Temp.rain.
	CALDWELL								
C R / V O	Luling	29 41	97 38	418	4 5x	Apl'82			Temp(max-min).rain.
	FAYETTE								
V O	Bluff Settlement	30 00	97 00	180	4 6x	Jun'70	Dec'74		Sn.Col.Temp.wind.rain.clds
V O	La Grange	29 55	96 52		1 0	Jan'89			Temp.wind.dir.rain.
V O	Round Top(near	30 04	96 42		2 4	Jan'59	Apl'61		Sn.Col.Temp.rain.
	AUSTIN								
V O	New Ulm	29 55	96 30	300	17 4x	Jul'72			Temp(max-min) wind.clds.rain.
	WALLER								
C R	Hempstead	30 08	96 05	245	1 6x	Apl'82	Sep'84		Temp(max-min).rain.
	HARRIS								
V O	Houston	29 47	95 20	53	6 8x	May 67	Jun'76	R	Temp.
C R / V O					4 10x	Apl'82			Temp(max-min)wind.clds.rain.
	JEFFERSON								
C R	Beaumont	30 06	94 06	26	1 4x	Apl'82	Jul'85		Temp(max-min).rain.
	ORANGE								
C R	Orange	30 07	93 45	10	3 9x	Apl'82			Temp(max-min).rain.
	KINNEY								
S S	Brackettsville	29 16	100 24	1050	6 1	May 77	May 83		Full observations.
M D	Fort Clark	29 14	100 26	1000	18 0x	Aug'52			Temp(max-min)hyg.wind.clds. rain.
	UVALDE								
M D	Fort Inge	29 03	99 53	845	7 11x	Sep'49	Jan'68		Temp.hyg.wind.rain.
M D	Fort Lincoln	29 20	99 30	900	2 5x	Aug'49	Jul'52		Temp.rain.
S S	Uvalde	29 12	99 47	809	6 2	Apl'77	May 83		Full observations.
	MEDINA								
S S	Castroville	29 20	98 53	686	4 8	Aug'77	Mar'82		Full observations.
	BEXAR								
V O	Gallinas	29 03	98 27		4 11	Jan'85			Temp.wind.dir.rain.
M D	San Antonio	29 24	98 29	800	12 4x	Jan'46			Temp(max-min)hyg.wind.clds. rain.

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	BEXAR Con-	° ′	° ′						
S S	San Antonio	29 24	98 29	781	11 3x	Jan'77			Full observations.
	COLORADO								
V O	Oakland	29 35	96 50		3 2x	Jan'70	Aug'73		Sm.Col.Temp.rain.
C R	Weimar	29 41	96 46	420	3 1x	Apl'82	Jul'87		Temp(max-min).rain.
	FORT BEND								
V O	Sugar Land	29 30	95 30		3	Oct'89			Temp(max-min).rain.
	GONZALES								
V O	Gonzales	29 29	97 28	150	2 11x	Feb'48	Dec'50		Sm.Col.Temp.rain.
	GALVESTON								
V O	Galveston	29 17	94 49	20	9x	Sep'51	Feb'53	R	Sm.Col.Temp.
M D	"				2 4	Jan'68	Apl'70		Temp(max-min) hyg.wind.rain.
S S	"			44	13 9	Apl'71			Full observations.
	BRAZORIA								
V O	Brazoria	29 03	95 35		1 1	Dec'88			Temp.wind.dir.rain.
V O	Columbia			60	2 2x	Mar'67	May 69		Sm.Col.Temp.rain (Cedar Grove Plantation)
C R / V O	"	29 03	95 37		3 7x	May 84			Temp(max-min).rain.
	MAVERICK								
S S	Eagle Pass	28 40	100 27	800	5 11	Jul'77	May 83		Full observations.
M D	Camp Eagle Pass				1 0	Jan'89			Temp(max-min)wind.dir.rain.
M D	Fort Duncan	28 33	100 26	1460	17 1x	Oct'49	Oct'79		Temp.hyg.wind.clds.rain.
	DE WITT								
C R	Cuero	29 04	97 18	177	3 9x	Aug'82			Temp(max-min).rain.
V O	Clinton or Yorktown	29 04	97 25		3 10x	Jan'69	Jun'79		Sm.Col.Temp.rain.
	LA SALLE								
M D	Fort Ewell	28 07	99 03	200	2 4	Sep'52	Dec'54		Temp.rain.
	LIVE OAK								
M D	Fort Merrill	28 20	98 04	150	2 7x	Apl'51	Nov'55		Temp.rain.
	GOLIAD								
V O	Goliad	28 39	97 25	50	1 2x	Dec'57	Oct'58		Sm.Col.Temp.rain.
	CALHOUN								
M D	Indianola	28 30	96 30		0 3	Jul'68	Sep'68		Temp.hyg.wind.
S S	"			26	14 3	May 72	Jul'86		Full observations.
V O	Lavaca	28 35	96 38	17	1 3	Jan'68	Aug'70		Sm.Col.Temp.rain.

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	WEBB	°	′	°	′							
M D	Ft. McIntosh	27	31	99	32	806	19	8x	Jul'49			Temp(max-min).wind.rain.
S S	Laredo	27	29	99	31	460	6	0x	Jan'77	Mar'83		Full observations.
	NUECES											
M D	Corpus Christi	27	47	97	25	20	3	5x	Nov'45	Mar'56		Temp.rain.
V O	"						1	4x	Nov'80	Nov'85		Temp.hyg.wind.rain.
S S	"					20	2	11	Feb'87			Full observations.
	STARR											
M D	Ft.Ringgold	26	27	98	48	521	25	6x	Sep'49			Bar.temp(max-min)hyg.wind.Cld clds.rain.
S S	Rio Grande City	26	28	98	49	230	12	7x	Jan'77			Full observations.
	HIDALGO											
S S	Edinburg	26	06	98	12	422	5	2x	Jul'77			Temp.rain(Rain only from mar'88 (Hidalgo P.O.)
	CAMERON											
S S	Brownsville	25	53	97	29	57	13	1x	Jul'76			Full observations.
M D	Fort Brown	25	52	97	28	165	27	5x	Nov'46			Temp(max-min)hyg.wind.clds. rain.
S S	Santa Maria	26	06	97	48		1	7x	Mar'88		T	Rain (Repair station)

List of Stations which have less than one year's record and which are not now in operation.

Station	County	Station	County
Anahuac	Chambers	Columbus	Colorado
Aransas Canal	Nueces	Comanche	Comanche
Arlington	Tarrant	Content (near)	Colorado
Baird	Callahan	Flatonia	Fayette
Barnesville	Johnson	Fort Polk	Cameron
Benjamin	Knox	Franklin	Robertson
Bonham	Fannin	Gainesville	Cooke
Buffalo Sp'gs	Clay	Gatesville	Coryell
Burnet	Burnet	Gid Junction	?
Cambridge	Clay	Helena	Karnes
Camp Moore	?	Honey Grove	Fannin
Chapel Hill	Washington	Ingersoll	Bowie
Clear Lake	Galveston	Lockhart	Caldwell
Coldwater	Sherman	Mexia	Limestone

X Record broken.

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	BOX ELDER.	° ′	° ′						
R R	Blue Creek	41 39	112 28	4379	12 5x	Jul'77			T.(max.min.) Wind & Rain.
R R	Corinne	41 30	112 18	4232	19 9x	Feb'70			Rain and from Nov'77 Temp(max. min.) & Wind.
S S	" ✓			4249	2 9x	Feb'71	Feb'74		2d Order.
R R	Kelton	41 45	113 08	4222	11 10	Mar'78			T.(max.min.) Wind & Rain.
R R	Promontory	41 35	112 35		19 1x	Feb'70			Rain, and from Nov77.T. & Wind
R R	Terrace	41 30	113 30	4548	17 10x	Feb'70			do.
	WEBER.								
R R	Ogden	41 12	111 57	4340	19 7x	Feb'70			do.
V O	" ✓				5	Aug'89			Rain & 1 obs. of Temp. daily.
	SUMMIT.								
V O	Coalville ✓				2 10x	May'69	Jun'72	R	Smithsonian Collection.
V O	" ✓				2 10x	Mar'69	Jul'74	R	Temperature table.
V O	" ✓	40 56	111 28	5630	7 7x	Dec'74	Jun'83		Temp. Wind, Clds. & Rain.
V O	St. Mary's	40 42	111 00	6200	2 0x	Jun'65	Aug'67	R	Smithsonian Collection.
V O	Wanship ✓	40 49	111 24	6200	3 7x	Mar'66	Dec'74		Smithsonian Collection.
V O	Park City ✓	40 39	111 31		5	Aug'89			Rain & 1 obs. of Temp. daily.
	TOOELE.								
S S	Deep Creek	40 32	112 18		2 10x	Sep'77	Sep'80		Sunset station. Aneroid bar. Temp.Hyg. Wind, Clds. & Rain.
V O	Stockton ✓	40 35	112 23		5	Aug'89			Rain and 1 obs of Temp. daily.
	UTAH.								
S S	Ft. Duchesne ✓	40 35	109 50	4900	2 1	Dec'87			2d Order.
M D	" " ✓				1 0	Jan'89			Max. & Min. Temp. & Rain.
	SALT LAKE.								
V O	Alta ✓	40 36	111 38		5	Aug'89			Rain and 1 obs. of Temp. daily.
V O	" ✓				5	Aug'89			Temp. & Rain.
V O	Bingham Canyon ✓	40 32	112 08		5	Aug'89			Rain and 1 obs.daily of Temp.
M D	Camp Douglas ✓	40 46	111 50	4800	20 8x	Dec'62			T.(max.min.)Hyg. Wind Clds.R.
V O	Salt Lake City ✓	40 46	111 54	4354	11 8x	Jan'50	Dec'74		From '50 to '55 temp.only.Sm.C
S S	" " " ✓			4348	16 10	Apl'74			2d Order.
	UTAH.								
M D	Camp Floyd ✓	40 16	112 08	4725	1 5x	Jan'60	Jul'61		(Ft.Crittenden) T.Hyg.Wind.R.

X Record broken.

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  Sets Bases.
0 X Close Trees    41  39 112 39 4273 12  3x Jul'77
0 X Cottage        41  20 112 34 4233 12  3x Jun'70

0 X .              4248  2  3x Feb'71 Jan'74
0 X Evilion        45  46 112 08 4223 11 10  Mar'78
0 X Frozenberry    41  38 112 35      12  1x Nov'70
0 X Tretman        41  20 112 30 4243 17 1(0  Jun'70
  Sites.
0 X Cairn          41  12 111 37 4240 19  7x Jan'70
0 X .              0   .                   8  Aug'68
  Sites.
0 X Chesville                               3 10x May'60 Aug'72  X  Sailing/Boating Collections.
0 X .              0   .                    2 10x May'60 Jul'74  X  Temperature Guide.
0 X .              4   .  40 12 111 32 0230  7  7x Dec'70 Jan'82     Temp. Sind, Click. & Plate.
0 X Bl. Lake'4     4   .  42 111 00 8000  2  0x Jan'69 Aug'87  X  Sailing/Boating Collections.
0 X Cemetery       0   .  40 41 111 34 8000  4  7x Mar'32 Dec'74     Sailing/Boating Collections.
0 X Lake City      0   .  40 10 111 31       3  Aug'69              Main 3 1 obs. of Temp. Data.
  Sites.
0 X .              4   .  40 32 112 18       2 10x Sep'77 Sep'80     Humans stations. Jamesis Fir.
                                                                    Temp.Obs. Water. Click. & Main.
0 X .              0   .  40 20 112 32       5  Aug'08              Main and 1 obs of Temp. Data.
  Sites.
0 X Pl. Cabbage    4   .  40 39 110 06 4240  4  1  Jan'67           ..: Obs.:.
0 X .              4   .                     1  0  Jan'63           Lake. & Min. Temp. & Main.
  Last Lake.
0 X Alfa           4   .  40 36 111 32       3  Aug'08              Main and 1 obs. of Temp. Data.
0 X .              4   .                      3  Aug'09              Temp. & Main.
0 X Bluebird Cove  4   .  40 22 111 08       3  Aug'69              Main and 1 obs.data of Temp.
0 X Deep Thoughts  4   .  40 41 111 30 4200 10  8x Dec'68           T.(max.min.)obs. Wind Click.
0 X Cold Lake City 4   .  40 48 111 34 4224 11 (8x Jan'80 Dec'74    Plus. '30 to '38 temp.max.min.
0 X .              4   .                 4223 12 23  Nov'74         24 rows.
  Stone.
0 X Deep Stone     4   .  40 11 112 38 4230  1  6x Jan'70 Jul'01    (7.Crystalsbrn) T.Obs.Max.&.
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                                                                    T.(Lake.Obs.) wind & Tals.
                                                                    Main and from Nov'77 Temp(max.
                                                                    min.) & Wind.
                                                                    24 rows.
                                                                    T.(max.min.) wind & Tals.
                                                                    Main, and from Nov'77.T. & Wind
                                                                    Ob.

                                                                    Main 3 1 obs. of Temp. Daily.
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	UTAH.	° ′	° ′						
V O	Provo City ✓	40 14	111 42		5	Aug'89			Rain & 1 obs of Temp daily.
	JUAB.								
V O	Levan ✓	39 34	111 53		8	Apl'89			Rain. Temp. beginning in Dec'89
V O	Nephi ✓	39 42	111 49	5550	3 2	Mar'83			T.Wind, Clds. & Rain and from May'89, Max. & min. Temp also.
	SAN PETE.								
V O	Mt. Pleasant ✓	39 33	111 30		6	Jul'89			Max. & Min. Temp & Rain.
	EMERY.								
S S	Brock ✓	39 34	110 49		1 4	Mar'88	Jun'89		3d Order.
V O	Moab ✓	38 36	109 29		5	Aug'89			Temp. & Rain. Also Min. Temp.
S S	Price ✓	39 38	110 42		1 10	Mar'88		T	Rainfall only.
	MILLARD.								
S S	Fillmore	38 58	112 18		3 2	Aug'77	Sep'80		Sunset station(T. Wind & Rain).
	SEVIER.								
V O	Richfield ✓	38 47	112 08		5	Aug'89			Max. & Min Temp. & Rain.
	BEAVER.								
V O	Beaver ✓	38 18	112 38		8	May'89			do.
S S	Frisco ✓	38 25	113 16	6400	2 6	Jul'85	Dec'87		2d Order.
	GARFIELD.								
V O	Losee ✓	37 40	112 02		8	May'89			Max. Min. Temp. & Rain.
	WASHINGTON.								
V O	Harrisburg ✓	37 16	113 23	2375	2 2x	Feb'69	Feb'72	T	Smithsonian Collection.
S S	St. George ✓	37 09	113 35		3 2	Aug'77	Sep'80		Sunset stn(T. Wind, Clds.Rain).
V O	" " ✓				3 0x	Jan'61	May'69		Heberville & Tonaquint combined with this station.
V O	" " ✓			2800	8x	Oct'80			Max. Min.Temp. & Rain.
	KANE.								
V O	Kanab ✓	37 03	112 32	5500	5x	May'72	Feb'73	T	Smithsonian Collection.
V O	" ✓				5 1x	Jul'74	Oct'79		T. Wind, Clds. & Rain.
V O	Mt. Carmel ✓	37 17	112 41	5215	3 10x	Jan'74			Closed from Aug'78 to Jul'89 Temp.Wind. Clds. & Rain.
	Lake Park ✓	Davis Co.	Fragmentary record of less than a year in length.						
	Logan ✓	Cache Co.	"			"	"	"	"
	Spring Lake ✓	Utah Co.	"			"	"	"	"

X Record broken.

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Number and class.	County and station.	Latitude.	Longitude.	Elevation above sea-level.	Record. Length.	Record. From—	Record. To—inclusive.	T. or R. missing.	Remarks.
		° ′	° ′						
	FRANKLIN								
V O	East Berkshire	44 55	72 42	441	1 4	Sep'83			Temp.rain.wind.
	ORLEANS								
V O	Craftsbury	44 40	72 30	1150	19 3x	Jan'54	Nov'73		Sm.Col.temp.rain.
V O	"				10	Jan'74	Oct'74		Temp.rain.clds.Wind.
V O	Newport	44 55	72 30	700	1 0	Dec'69	Nov'70		Sm.Col.Temp.rain.
V O	"				13 8x	Mar'75	Jul'89		Temp.wind.clds.rain.
V O	South Troy	44 55	72 25	600	1 11x	Jan'71	Dec'72		Sm.Col.temp.rain.
	ESSEX								
V O	Lunenburgh	44 28	71 41	1210	23 11	Jan'48	Nov'73		Sm.Col.Temp.wind.clds.rain.ba
V O	"				26 1	Dec'73			Temp.wind.clds.rain.bar.
	CHITTENDEN								
V O	Burlington	44 28	73 12	343	30 8x	Jan'28	Nov'61		Sm.Col.temp.rain.
S S	"			268	12 0	May 71	Jun'83		Full observations.
V O	"			200	3 1	Nov'83			Temp.wind.clds.rain.
V O	Charlotte	44 20	73 15	90	5 7	May 68	Nov'73		Sm.Col.Temp.wind.clds.rain.
V O	"				13 10x	Dec'73	Dec'87		Temp.wind.clds.rain.
V O	Shelbourne	44 25	73 [illegible]	150	1 10	Mar'56	Dec'57		Sm.Col.Temp.rain.
	West Charlotte	see Charlotte							
	CALEDONIA								
V O	Burnet	44 18	72 05	952	1 2x	Apl'68	Mar'69		Sm.Col.temp.rain.
V O	St.Johnsbury	44 25	72 02	540	5 1x	Jan'53	Jan'61		Sm.Col.temp.rain.
V O	"				10	Mar'88			Temp.wind.rain.
	ADDISON								
V O	Cornwall				3 6x	May 86		T	Rain(Weather service)
V O	Ferrisburg	44 11	73 14	131	2 10x	May 69	Mar'72		Sm.Col.temp.rain.
V O	Middlebury	44 02	73 10	398	6 4	Mar'64	Jun'70		Sm.Col.temp.rain.
V O	"				1 0	Mar'88	Feb'89		Temp.wind.rain.bar.
	WASHINGTON								
V O	East Montpelier	44 17	72 13	540	1 0	Jan'55	Dec'55	R	Sm.Col.Temp.
V O	"				4	Feb'63	May 63	R	Sm.Col.temp.
S S	Northfield	44 10	72 41	871	3 10	Mar'37			Full observations.
	ORANGE								
V O	Newbury	44 06	72 07	420	13 5x	May 35	Dec'49	R	Sm.Col.temp.
V O	Post Mills Village	43 00	68 00	472	2 2	Jan'85	Feb'87		Temp.wind.rain.
V O	Randolph	43 57	72 33	1487	8 x	Nov'35	Nov'73	T	Sm.Col.Rain clds.wind.

X Record broken.

[illegible]

[illegible]

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	ORANGE Con-	° ′	° ′							
V 0	Randolph	43 57	72 36	1437	1	1x	Feb'83	Mar'84	T	Rain.clds.wind.bar.
V 0	Strafford	43 52	72 24	500			Mar'73			Temp.rain.clds.wind.
V 0	West Fairlie	43 55	72 15	438	1	1	Dec'53	Dec'57	R	Sm.Col.Temp.
V 0	Williamstown	44 08	72 34	1000	12	9x	Jan'29	Dec'41	R	Sm.Col.temp.
	RUTLAND									
V 0	Brandon	43 49	73 03	460	10	5x	Jan'54	Jun'69		Sm.Col.temp.rain.
V 0	Castleton	43 38	73 09	490	6	5x	Jan'54	Jul'74		Sm.Col.temp.rain.
V 0	"					7	Jan'74	Jul'74		Full observations.
V 0	Poultney	43 34	73 15	350	1	4	Dec'85	Mar'87		Temp.wind.clds.rain.
V 0	Rutland	43 05	72 57	500	1		Jan1789	Dec1789	T	Rain(William's History of Vermont)
V 0	"					9	Aug'83	Apl'84	R	Sm.Col.Temp.
V 0	"					3	Aug'74	Oct'74		Temp.wind.clds.rain.
	WINDSOR									
V 0	Hartland	43 30	72 21	665		4	Sep'88			Temp.rain.
V 0	Norwich	43 45	72 28	720	5	9x	Nov'53	Mar'77		Temp.rain.clds.wind.bar.
V 0	Springfield	43 18	72 25	300	2	1x	Dec'60	Nov'63		Sm.Col.temp.rain.
V 0	Windsor	43 29	72 23	350	1		Jan1803	Dec1803	R	Sm.Col.Temp.
V 0	"				2	8x	Apl'80	Jul'87		Temp.rain.
V 0	Woodstock	43 33	72 33	698	6	11x	Jan'57	Dec'73		Sm.Col.Temp.rain.
V 0	"				12	8x	Jan'74	Mar'88		Temp.clds.wind.rain.bar.
	BENNINGTON									
V 0	Dorset	43 13	73 03	1750	2	7	Oct'83	Apl'88		Temp.clds.wind.rain.
V 0	Manchester	43 10	73 04	700	2	2	Oct'87	[illegible]		Temp.clds.wind.rain.
V 0	Rupert	43 15	73 11	750	5	4x	Jan'57	Mar'63	R	Sm.Col.temp.
	WINDHAM									
V 0	Brattleboro	42 51	72 34	329	1	6x	Mar'49	Sep'51	R	Sm.Col.temp.
V 0	"				4	11	Feb'85			Full observations.
V 0	"				4	10	Mar'85			Temp.rain(Weather Service)
V 0	Fayetteville	42 57	72 36	350	3	8	May 26	Dec'34		Sm.Col.temp.rain.
V 0	Jacksonville	42 50	72 45		4	7	Jun'85			Temp.rain.
V 0	Marlboro	42 54	72 43		2	4	Nov'85	Apl'88		Temp.rain(Weather Service)
V 0	Newfane	42 58	72 35		6				R	Sm.Col.Temp.
V 0	Townshend	43 03	72 33		2	2x	Nov'85	Feb'88	T	Rain(Weather Service)
V 0	Vernon	42 46	72 30	231	4	7	Jun'85		T	Rain(Weather Service)

X Record broken.

0	[illegible]	22	17	72	32	1417	1	14	870'02	.047'02	7	[illegible]	[illegible]
0	[illegible]	23	69	72	30	8001			.047'72			[illegible]	[illegible]
0	[illegible]	24	52	72	12	[illegible]	1	1	[illegible]	0e1'07	8	[illegible]	[illegible]
0	[illegible]	25	10	72	34	[illegible]	12	12	0a2'20	0re'02	8	[illegible]	[illegible]
	[illegible]												
0	[illegible]	26	42	72	00	[illegible]	12	2	0a1'20	0[illegible]'00		[illegible]	[illegible]
0	[illegible]	27	23	72	00	[illegible]	2	02	0a1'20	0[illegible]'72		[illegible]	[illegible]
0	[illegible]							7	0a1'72	0a1'72		[illegible]	[illegible]
0	[illegible]	28	41	72	12	1200	2	4	[illegible]	.0[illegible]'47		[illegible]	[illegible]
0	[illegible]	29	06	72	12	8000	2		0a1'72	[illegible]	7	[illegible]	[illegible]
0	[illegible]							8	0a1'72	0a1'72	8	[illegible]	[illegible]
0	[illegible]							9	0a1'72	0a1'72		[illegible]	[illegible]
	[illegible]												
0	[illegible]	30	60	72	21	300			8ar'1[illegible]			[illegible]	[illegible]
0	[illegible]	31	02	72	22	720	2	02	[illegible]	.0[illegible]'77		[illegible]	[illegible]
0	[illegible]	32	11	72	23	300	2	12	0ea'0[illegible]	[illegible]'78		[illegible]	[illegible]
0	[illegible]	33	22	72	10	400	1		4[illegible]1'202		8	[illegible]	[illegible]
0	[illegible]						2	02	0a1'72	0a1'07		[illegible]	[illegible]
0	[illegible]	34	07	72	24	300	0	1[illegible]	0a1'07	0ea'72		[illegible]	[illegible]
							12	12	0a1'72	.0[illegible]'01		[illegible]	[illegible]
	[illegible]												
0	[illegible]	35	11	72	02	1720	2	7	[illegible]	0[illegible]'47		[illegible]	[illegible]
0	[illegible]	36	10	72	04	720	2	2	[illegible]	. . .		[illegible]	[illegible]
0	[illegible]	02	12	72	11	720	2	12	0[illegible]'17	.[illegible]'02	8	[illegible]	[illegible]
	[illegible]												
0	[illegible]	32	01	72	14	820	1	02	.[illegible]'2	8[illegible]'02	2	[illegible]	[illegible]
0	[illegible]							1	8[illegible]'02			[illegible]	[illegible]
0	[illegible]							10	[illegible]'02			[illegible]	[illegible]
0	[illegible]	02	07	72	32	280	1	2	[illegible] 20	2[illegible]'8[illegible]		[illegible]	[illegible]
0	[illegible]	03	30	72	03		4	7	[illegible]'02			[illegible]	[illegible]
0	[illegible]	04	21	72	10		8	4	[illegible]	[illegible]'2[illegible]		[illegible]	[illegible]
0	[illegible]	05	29	72	02		1				8	[illegible]	[illegible]
0	[illegible]	06	02	72	33		2	02	[illegible]'02	8[illegible]'02	1	[illegible]	[illegible]
0	[illegible]	32	43	72	32	2011	1	7	[illegible]'02		1	[illegible]	[illegible]

List of Stations having less than one year's record and which are not now in operation.

Station	County
Fairfax	Franklin
Coventry	Orleans
Mt. Mansfield	Lamoille
Mt. Worster	Lamoille
Calais	Washington
Bradford	Orange
Brookfield	Orange
Chelsea	Orange
Mt. Killington	Rutland
Pittsford	Rutland
Hartford	Windsor
Weathersfield	Windsor
Mt. Anthony	Bennington
Grafton	Windham
Guilford Centre	Windham
Saxton's River	Windham
Westminster	Windham
Wilmington	Windham
Wheatland Centre	?

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	FREDERICK	°	′	°	′							
V O	Middletown	39	04	78	14	660		5	Aug'89			Temp.rain.
V O	Winchester	39	10	78	09	717	7	0x	Jan'54	Apl'61		Sm.Col.Temp.rain.
	CLARKE											
V O	Berryville	39	08	77	58	575	3	11x	Jan'56	Dec'58		Sm.Col.Temp.rain.
	SHENANDOAH											
NWF	Woodstock	38	53	78	27	820		4	Sep'89		T	Rain
	FAUQUIER											
V O	Linwood	38	50	77	50	552	1	4x	Feb'71	Sep'72		Sm.Col.Temp.rain. (max & min)
V O	Mechanicsville	38	50	78	00		4	2	Nov'69	Dec'73		Sm.Col.Temp.rain.
V O	Piedmont (near	38	40	78	00	900	2	4x	Nov'69	Feb'73		Sm.Col.Temp.rain.
V O	Rappahannock Station	38	30	77	45	152	2	2	Jul'86	Aug'88		Temp(max-min) wind.rain.
	FAIRFAX											
V O	Ayre Hill near Vienna	38	54	77	11	400	1	3x	Jul'71	Jan'73		Sm.Col.Temp.rain.
V O	Falls Church	38	52	77	08	364	14	7	Aug'70	Feb'85	R	Temp.(Highland View)
V O	Vienna	38	53	77	15	400	2	4x	Aug'69	Feb'72		Sm.Col.Temp.rain.
V O	Woodlawn (Acotink)	38	40	77	56	150	16	1x	Nov'70	Dec'86		Bar.temp.wind.clds.rain.
	ALEXANDRIA											
V O	Alexandria	38	48	77	01	56	5	6	Jan'53	Jun'58		Sm.Col.Temp.rain.
M D	"					80	1	0x	Feb'63	Feb'64		Temp.hyg.wind.rain.
M D	Fort Myer	38	51	77	02		1	1x	Dec'88			Temp.rain.(Sub-station to Washington,D.C.)
	ROCKINGHAM											
V O	Dale Enterprise	38	40	78	45	850	10	0	Jan'80			Temp(max-min)wind.rain.
	STAFFORD											
V O	Falmouth	38	19	77	27	350	3	3	Jan'58	Mar'61		Sm.Col.Temp.rain (Peach Lawn or Hartwood)
	HIGHLAND											
V O	Meadow Dale	38	23	79	35		2	2	Jan'57	Feb'59		Sm.Col.Temp.rain.
	AUGUSTA											
V O	Mossy Creek	38	25	79	02		1	8x	Apl'53	May 58	T	Sm.Col.Rain.
V O	Mount Solon	38	17	79	02	1560	12	2x	Apl'56	Apl'81		Sm.Col.Temp.wind.clds.rain.
V O	Staunton	38	09	79	04	1340	3	0x	Sep'68			Sm.Col.Temp(max-min).rain.
	SPOTTSYLVANIA											
V O	Summit	38	12	77	25	200	5	6	Jul'84		R	Temp(max-min)

X Record broken.

CONTINUED ON OTHER SEMAPHORE SERVICES

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Number and class.	County and station.	Latitude.	Longitude.	Elevation above sea-level.	Record. Length.		Record. From—	Record. To—inclusive.	T. or R. missing.	Remarks.
	KING GEORGE	° ′	° ′							
W O	King George C.H	38 16	77 10	50	1	0	Jan'51	Dec'51	T	Sm.Col.Rain
W O	Lewinsville (near)	38 15	77 00	180	1	11x	Jun'58	Feb'75		Sm.Col.Temp.wind.clds.rain.
W O	Powhatan Hill	38 13	77 12	100	23	0x	Jan'50	Oct'73		Sm.Col.Temp.wind.dir.rain.
	ALBEMARLE									
W O	Alto Vista (Keswick Station)	38 04	78 26	500	3	4x	Jan'71	Jun'81		Sm.Col.Temp.wind.clds.rain (Cedar Hill)
W O	Charlottsville	38 01	78 26	150	4	1x	Jul'37	'52		Sm.Col.Temp.Average rain for 3 years
W O	University	38 02	78 26	533	4	0	Jan'86			Bar.temp(max-min)hyg.wind. clds.rain.
W O	Montcalm or Rougemont	38 05	78 21	450	5	7x	Jul'54	Apl'61		Sm.Col.Temp.rain.
W O	Mount View	38 00	78 30	521	2	2x	Feb'59	Apl'61		Sm.Col.Temp.rain.
	LOUISA									
W O	Newark(near)	38 00	78 10				1823	1828	R	Sm.Col.(mean annual temp.)
	WESTMORELAND									
W O	Montrose	38 07	76 46	200	2	5x	Dec'58	Oct'59		Sm.Col.Temp.rain.
	BATH									
W O	Bolar	38 12	79 42			10	Mar'89			Temp.rain.
	ROCKBRIDGE									
W O	Goshen Bridge	38 03	79 25	1410	1	2x	Feb'75	Aug'76		Temp.wind.clds.rain.
W O	Lexington near Tribrook Farm	37 44	79 24	1000	4	1x	Jan'61			Sm.Col.Temp(max-min).rain.
	NELSON									
W O	Variety Mills (Riverdale Farm	37 35	78 50	650	6	1x	Apl'82	Aug'88		Bar.temp(max-min)wind.rain.
	GOOCHLAND									
W O	Dover Mines (Powell's Tavern)	37 32	77 38	312	4	0x	Jul'73	Dec'80		Sm.Col.Temp.wind.clds.rain.
	KING &QUEEN									
W O	Druington	37 46	76 59		2	7	Feb'85	Aug'87	T	Rain.

X Record broken.

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		°	′	°	′							
	ALLEGHANY											
V O	Anthony'sCreek	37	50	79	55				Sep'47	Aug'51	T	Sm.Col.Average rainfall.
V O	" ?	37	45	80	02	2000	4	6	Sep'47	Feb'72	T	Sm.Col.Rain.
	AMHERST											
V O	Glasgow Station	37	33	73	57		2	0	Oct'63	Sep'68	R	Sm.Col.Temp.
	POWHATAN											
V O	Genito Mills	37	27	77	47	200	4	4	May 49	Aug'53	T	Sm.Col.Average monthly rain.
	HENRICO											
A D	Bellona Arsenal	37	33	77	32	120	7	10x	Jan'24	Sep'33	R	Sm.Col.Temp.
V O	Richmond	37	32	77	23	172	15	2x	Oct'50			Temp(max-min).rain.
V O	Westwood	37	33	77	27		2	7x	Jan'59	Feb'62		Temp.rain. Sm. Col.
	ACCOMACK											
S S	Chincoteague	37	55	75	23	13	7	2	Apl'80	May 87		Full observations.
	NORTHAMPTON											
V O	Birds Nest(Prospect Hill Farm	37	25	75	52	40	21	09	Apl'68			Sm.Col.Bar.temp.wind.clds.rain
V O	Cape Charles Lt.House	37	08	75	53	20	1	0	Mar'67	Feb'68		Temp.rain. Sm. Col.
V O	Capeville	37	20	75	55	15	6	7x	Feb'71	Dec'78		Sm.Col.Temp.rain.
	BEDFORD											
V O	Liberty	37	19	79	35	959		3	Sep'89			Temp.rain.
	CHESTERFIELD											
V O	Ruthven	37	21	77	33		2	5x	Aug'56	May 59		Sm.Col.Temp.rain.
	JAMES CITY											
V O	Williamsburg	37	15	76	40	100	9	2x	Jun1760	Aug'73		Sm.Col.Temp.rain.
	MONTGOMERY											
V O	Blacksburg Agr. & Mil.College	37	16	80	29	2200	1	10x	Jun'73	Apl'85		Sm.Col.Bar.temp(max-min)wind direc.rain.
V O	Christiansburg	37	05	80	23	2160	3	8x	1350			Sm.Col.Bar.temp(max-min)hyg. wind.clds.rain.
RNF	"						2	6	Jul'87		T	Rain
	CAMPBELL											
V O	Lynchburg (6 miles W)	37	22	79	12	800	11	10x	Feb'54	Jan'79		Sm.Col.Temp.rain.
S S	"						18	6	Jun'71			Full observations.

X Record broken.

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		° ′	° ′						
	PRINCE EDWARD								
V O	Prince Edward Court House	37 10	78 21		2 9	1849	1852	R	Sm.Col.Average temp.
	NOTTAWAY								
V O	Nottaway C.H.	37 08	78 07	421	8x	Jun'73			Bar.temp(max-min)hyg.wind.rain
	PRINCE GEORGE								
V O	Garysville	37 18	77 16		1 0	Jan'56	Dec'56	R	Sm.Col.Temp.
	TAZEWELL								
VO	Walnut Grove (Tazewell)	37 10	81 38	2400	1 1x	Mar'79	Jul'80		Temp.wind.clds.rain.
	PULASKI								
V O	Snowville	37 02	80 38	1800	21 3x	Sep'67	Dec'83		Sm.Col.Temp.clds.rain.
V O	Allisonia	36 54	80 52		1 9x	Jan'74	Sep'75	R	Min.temp.
	CHARLOTTE								
V O	Missing Ford	36 58	78 36	360	6	Jul'39			Temp.rain.
	DINWIDDIE								
V O	Petersburg	37 14	77 23	73	3 0x	Jan'74			Bar.temp.wind.clds.rain.
	SURRY								
V O	Cottage Home	37 10	76 50		4 2x	May 67	Dec'75		Sm.Col.Temp.rain.
V O	Spottsville	37 02	76 52		1 3	Oct'83			Temp(max-min).rain.
	ELIZALETH CITY								
V O	Hampton & Raby Lodge	37 05	76 23	10	11 0x	Jan'69	Jun'84		Sm.Col.Temp.wind.clds.rain.
M D	Fort Monroe	37 00	76 12	8	64 5x	Jan'25			Bar.temp(max-min)hyg.wind.rain
	SMYTH								
V O	Marion	36 48	81 26	2135	8 6x	May 73			Sm.Col.Bar.temp(max-min)wind. clds.rain.
	WYTHE								
V O	Wytheville	36 55	81 00	2255	25 4x	Jan'60	Sep'83		Sm.Col.Bar.temp(max-min)hyg. wind.direc.rain.
S S					3 6	Feb'73	Jul'76		Full observations.
	ISLE OF WIGHT								
V O	Mulberry Hill	36 50	76 50	100	1 7x	Jan'69	Jan'71		Sm.Col.Temp.rain.
V O	Smithfield	36 57	76 38	100	7 9x	Jul'54			Sm.Col.Temp.rain.
	LEE								
V O	Rose Hill	36 00	78 57	250	2 6x	Jan'57	Dec'59		Sm.Col.Temp.rain.

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	WASHINGTON	°	′	°	′							
RMF	Abington	36	43	82	02	2069	2	5	Aug'87		T	Rain.
	BRUNSWICK											
V O	Critchen's Store	36	40	77	46	500	7	2x	Jan'54	Mar'61		Sm.Col.Temp.rain.
	NORFOLK											
S S	Norfolk	36	51	76	17	69	19	0	Jan'71			Full observations.
V O	Portsmouth (Navy Hosp.)	36	50	76	17	18	14	7x	Apl'43	Sep'72		Temp.rain.
	PRINCESS ANNE											
S S	Cape Henry	36	56	76	00	16	16	1	Dec'73			Full observations.

List of Stations having less than one year's record and which are not now in operation.

Station	County
Alum Springs	Rockbridge
Ashland	Hanover
Culpeper	Culpeper
Fairfax C.H.(near)	Fairfax
Fancy Gap	Carroll
Fredericksburg	Spottsylvania
Heathville	Northumberland
Hewlett's Station	Hanover
Hillsville	Carroll
Locust Grove	Orange
Longwood	Rockbridge
Madison C.H.	Madison
Mt.Bethel	Carroll
Rendezvous Distribution	Fairfax
Stribling Springs	Augusta
The Plains	Fauquier
The Shades	Fauquier
Waterford	Loudon
Wolf Trap (near Vienna)	Fairfax

X Record broken.

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		° ′	° ′							
	WHATCOM									
V O	Ft. Bellingham ✓	48 45	122 30	38	2	5	Mar'57	Jul'59	✓	Sm. Col. temp. rain.
S S	Point Roberts ✓	48 59	122 47		1	1	Apl'81	Apl'82	✓	Bar. temp. hyg. (Sunset Station) rain. wind. clds.
V O	Camp Semiahmoo ✓	49 01	122 47	11	3	0	Jul'57	Jun'60	✓	Temp. rain. hyg. clds. S. Col.
	STEVENS									
M D	Fort Colville ✓	48 42	118 02	1963	18	1x	Dec'59	Mar'80	✓	Temp (max-min) rain. hyg. wind.
	SAN JUAN									
M D	San Juan Island ✓	48 28	123 01	150	13	7x	Feb'60	Dec'74		Temp (max-min). rain. wind.
	(Also known as Camp Pickett, Camp Steele, and Fort Townsend)									
	CLALLAM									
V O	Neah Bay ✓	48 22	124 37	40	4	5x	Jun'62	Mar'67		Sm. Col. temp. rain.
V O	" ✓				3	10x	Jan'74	Jul'81		Temp. rain. wind. clds.
S S	" ✓	48 23	124 33	5	4	0	Dec'83	Nov'87		Temp (max-min) rain. wind.
V O	Port Angeles ✓	48 07	123 06	14	0	7	Jun'81	Dec'81		Temp. rain (Same as Ediz Rock)
S S	" ✓				6	2x	Nov'83			Full observations
S S	Pysht ✓	48 12	124 04	7	6	0x	Dec'83	Nov'89		Temp (max-min) rain. wind
V O	Tatoosh Island	48 23	124 44	90	2	9	Apl'69	Jan'72		Sm. Col. temp. rain.
S S	" ✓				5	6	Oct'83	Mar'89		Full observations.
	JEFFERSON									
M D	Fort Townsend ✓	48 05	122 46	135	15	3x	Jan'60			Temp. rain. hyg. wind. clds.
M D	Port Townsend ✓	48 07	122 45	8	4	4x	Nov'67	Mar'77	T	Rain.
	KITSAP									
V O	Bainbridge ✓ Island (Blakely) ✓	47 32	122 40	50	10	0x	Feb'73			Temp (max-min). rain.
	KING									
V O	Seattle ✓	47 32	122 32	20	2	0x	Jun'77	Oct'83		Temp. rain.
V O	Vashon Island ✓	47 23	122 23	300	2	6	Jul'37			Temp (max-min) rain. wind. clds.
	KITTITASS									
V O	Ellensburg ✓ (Pleasant Grove	47 00	117 32	1500	2	8	Feb'84	Sep'86		Temp (max-min). rain.
	SPOKANE									
S S	Spokane Falls ✓	47 40	117 25	1909	8	11	Feb'81			Full observations.
M D	Ft. Spokane ✓	47 30	118 30	1600	8	11	Feb'81			Temp. rain.
S S	" ✓				3	11	Oct'83	Aug'87		Temp (max-min). rain. wind.
	THURSTON									
S S	Olympia ✓	47 03	122 53	76	12	6	Jul'77			Full observations.

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	PIERCE									
V O	New Tacoma	47° 16	122° 26	296	5	0x	Jun'81	Dec'83		Bar.temp.rain.wind.
V O	Ft.Steilacoom ✓	47 10	122 34	300	17	7x	Nov'49	Mar'66		Sm.Col.mean temp.and rain.
V O	Tacoma ✓	47 15	122 25	297	4	6x	Mar'84	Jan'89		Mean temp.and rain.
	WHITMAN									
S S	Almota	46 41	117 27		2	4	Mar'81	Jun'83		Temp(max-min)rain.wind.
S S	Colfax ✓	46 52	117 17	2000	2	4	Feb'81	May'83		Temp(max-min).rain.wind.
	PACIFIC									
M D	Fort Canby ✓ (Cape Disappointment) ✓	46 17	124 03	30	15	4x	Jul'64	Aug'83		Temp(max-min)rain.hyg.wind.
S S	" ✓				6	4	Sep'83			Full observations.
	LEWIS									
V O	Kooskooskee	46 30	122 37		2	0			R	Mean temp.
	YAKIMA									
V O	Kennewick ✓	46 15	119 15	353	3	1	Nov'84	Nov'87		Temp(max-min).rain.wind.
V O	Fort Simcoe ✓	46 30	120 40		2	1	Apl'57	Apl'59		Rain.mean temp.
	WAHKIAKUM									
V O	Cathlamet ✓	46 15	123 12	40	6	0x	Mar'70	Aug'76		Temp.rain.wind.clds.
	COWLITZ									
V O	Fort George	46 18	123 00	100	2	0	Jun'21	Mar'24	R	Mean temp.
	SKAMANIA									
M D	Fort Cascades ✓	45 39	121 50		3	1	May 53	May 61		Temp.hyg.wind.rain.
	WALLA WALLA									
V O	Walla Walla ✓	46 05	118 54	930	11	3x	Nov'69	Dec'82		Temp.rain.
S S	" ✓	46 02	118 20	1018	4	1	Dec'85			Full observations.
M D	Ft.Walla Walla ✓	46 03	118 20	1390	17	4x	Jan'57			Temp.rain.
	COLUMBIA									
S S	Dayton ✓	46 19	117 58	1303	6	0	Dec'79	Nov'85		Full observations.
	GARFIELD									
S S	Pomeroy	46 30	117 30		2	2	May 81	Jun'83		Temp(max-min).rain.
	CLARKE									
V O	Union Ridge ✓	45 49	122 43	100	1	0	May 71	Jun'72		Sm.Col.temp.rain.
V O	Ft.Vancouver ✓	45 40	122 30	50	3	11x	Dec'49	Dec'59		Sm.Col.temp.rain.
M D	" ✓				10	7x	Jan'60			Temp.rain.hyg.wind.

(Also known as Columbia River, Columbia Barracks)

List of Stations having less than one year's record and which are not now in operation.

Station	County	Station	County	Station	County
Ailsworth ✓	Franklin	Lake Washington	King	Harney Depot ✓	Stevens
Chehalis ✓	Chehalis	Spokane Depot	Spokane	Whatcom ✓	Whatcom
		Stayer's			

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	BROOKE.								
V O	Cross Creek	40 19	80 37		1 10x	Sep'58	Jun'60		(Holliday's Cove). Sm. Col.
V O	Wellsburg	40 41	80 37	1300	6 3x	Feb'78	Oct'85		Rain. Temp. for 2 months.
	OHIO.								
V O	Wheeling	40 03	80 43		6	Nov'59	Apl'60		Smithsonian Collection.
Riv	"				6 9x	May'82		T	River & Rainfall observations.
	MARSHALL.								
V O	Ella	39 45	80 50		8	May'89			Temp.--Rain for 4 months.
	MONONGALIA								
V O	Morgantown	39 36	79 59		9	May'72	Jan'73		Smithsonian Collection.
S S	"			963	10 2	Feb'73	Mar'83		2d Order Station.
Riv	"				4 10x	Jan'85		T	River & Rainfall observations
	MARION.								
V O	Seven Pines	39 34	80 29		3	May'89		R	
	PRESTON.								
V O	Kingwood	39 30	79 42		3	May'89		R	
V O	Pleasant Hill	39 32	79 40		3	May'89			Temp.--Rain for one month.
Riv	Rowlesburg	39 19	79 42		3 0	Dec'84		T	River & Rainfall observations.
V O	"				7	Jun'89			Temp. & Rain.
V O	Tanneyy	39 29	79 33		7	Jun'89		R	
	TAYLOR.								
V O	Flemington	39 24	80 08		1 3	Sep'80	Feb'82		(W.Va.College).Temp.,Wind, Clouds and Rain.
V O	Grafton	39 21	79 53		1 1x	Jan'67	Feb'68		Smithsonian Collection.
	HARTSHIRE.								
V O	Romney	39 20	78 42	573	3 1x	May'66	Sep'70	R	" "
V O	Sheetz Mills	39 10	80 30		9 11	Jan'50	Dec'65	T	" "
	JEFFERSON.								
Riv	Harper's Ferry	39 19	77 42		6	Jul'89		T	River & Rainfall observations.
V O	W.O.O.D. Parkersburg	39 16	81 36	638	8 4	Jan'81	May'89		Temp.--From Dec'84,max.& min. Temp.and Rain.
S S	"				1 6	Jul'88			2d Order Station.

X Record broken.

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		°	′	°	′							
	HARRISON.											
V O	Clarksburg	39	40	80	20		3	0x	Nov'85	Sep'89		Bar.max.min.Temp.,Wind,Rain.
V O	Salem	39	15	80	36	1100		9	Jul'57	Mar'58		Smithsonian Collection.
V O	"						1	4	Oct'75	Feb'77		Temp.,Wind,Clouds,Rain.
	HARDY.											
V O	Crack Whip	39	02	78	33	1720	2	3x	Jan'56	May'61		(Trout Run Valley) Sm. Col.
	MASON											
V O	Point Pleasant	38	54	82	13	480		8	Nov'58	Jun'59		Smithsonian Collection.
Riv	" "							5	Aug'89		T	River & Rainfall Observations.
	WIRT.											
V O	Wirt C.H.	39	05	81	23		2	8	May'56	Dec'58		Rain broken. Sm. Col.
	GILMER.											
S S	Glenville	38	56	80	56		2	5	Aug'87		T	Special Rainfall Station.
	LEWIS.											
V O	Weston	39	01	80	27	1000	1	7x	Jan'68	Dec'73		Temp.--Rain for 4 months. Smithsonian Collection.
V O	"						2	2x	Jan'74	Sep'77		Temp.--Rain for one month.
Riv	"						4	1x	Oct'85		T	River & Rainfall observations.
	UPSHUR.											
S S	Buckhannon	38	57	80	15		2	5	Aug'87		T	Special Rainfall Station.
	CABELL.											
V O	Ashland	38	34	82	10	600	3	3x	Jan'54	May'72		(Near Buffalo) Sm. Col.
V O	Tyler Creek	38	22	82	12		1	5	Aug'88			Temp. & Rain.
	KANAWHA.											
Riv	Charleston	38	21	81	40		2	6	Jul'87		T	River & Rainfall observations.
V O	Kanawha	38	53	81	25		9	10x	Jan'29	Jul'59		Temp.-Rain for 3 years .Sm.Col.
V O	Poplar Grove	38	20	81	30		4	4x	Jun'56	Jan'61		(Kanawha Saline) Sm. Col.
	RANDOLPH.											
V O	Middlebrook	38	31	80	11		2	5	Nov'86	Mar'89		Temp.--Rain broken.
	GREENBRIER.											
V O	Lewisburg	37	50	80	23	2000	6	0x	Sep'52	Mar'61	T	Average monthly Rain. Sm.Col.
V O	"						7	0x	Jan'54	Mar'61		Smithsonian Collection.
V O	White Sulphur-Springs,	37	50	80	25	2000	5	6	Sep'47	Feb'53	T	Smithsonian Collection.
S S	" "						1	4x	May'88			Special Rainfall Station.

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		° ′	° ′						
	WYOMING.								
V O	Oceana	37 49	81 47		2	Nov'89			Temp.& Rain.
	SUMMERS.								
V O	Helvetia	38 30	80 00	1400	12 1	Jan'77	Jan'89		Temp., Wind, & Rain.
Riv.	Hinton	37 41	81 27		1 4x	Jul'87		T	River & Rainfall observations

Fragmentary records of less than a year in length are on file from the

Following Stations:

Buffalo,.....Upshur Co.
Burning Springs,....Wirt Co.
Capon Bridge,.....Hampshire Co.
Eglon,.....Preston Co
Gladesville,.....Preston Co.
Hartmonsville,.....Mineral Co.
Huntington,.....Cabell Co.
Hattonsville,.....Randolph Co.
New Creek Depot,....Mineral Co.
North River Mills,..Hampshire Co.
Peach Grove Lodge,..Ritchie Co.
Rockport,.....Wood Co.
Rivesville,.....Marion Co.
Sistersville,.....Tyler Co.
Terra Alta,.....Preston Co.
White Day,.....Monongalia.

X Record broken.

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		°	′	°	′							
	DOUGLAS.											
V O	Superior	46	42	92	02	680	10	0x	Jun'55	Dec'67		Smithsonian Collection.
	BAYFIELD.											
V O	Bayfield	46	48	90	52		6	4x	Sep'58	Jul'73		Smithsonian Col.Rain broken.
	ASHLAND.											
V O	Ashland	46	36	91	00	610	7	7x	Jul'56	Nov'74		Smithsonian Collection.
V O	"	46	34	91	00	630	7	8x	Apl'74	May'82		Observations at Bay City. Temp. wind, clouds and rain.
V O	Butternut	46	00	90	28			3	Oct'89			
	BURNETT.											
V O	Grantsburg	45	46	92	40			9	Apl'89			Temp.(max.min.)Rain.
	PRICE.											
S S	Phillips	45	40	90	24		2	5	Aug'87		T	Rainfall station.
	CHIPPEWA											
S S	Chippewa Falls	44	55	91	22		2	4	Sep'87		T	Rainfall station.
	LINCOLN.											
S S	Rhinelander	45	38	89	35		1	7	Aug'87	May'89	T	Rainfall station.
	LANGLADE.											
V O	Summit Lake	44	23	89	12			10	Mar'89			Rainfall broken.
	DUNN.											
V O	Weston	44	47	92	00		1	0	Sep'88	Aug'89		Temp.Wind,Rain.
	TAYLOR.											
S S	Medford	45	09	90	22			7	Jun'89		T	Rainfall station.
	CLARK.											
V O	Greenwood	44	46	90	36			8	May'89			Temp.(max.min.) Rain.
V O	Neillsville	44	30	90	30	620	11	1x	Jan'76			Temp.(max.min.)Wind,Clds.Rain.
	MARATHON,											
V O	Mosine	44	48	89	36	750	2	11x	Jan'59	Oct'72		Smithsonian Collection.
V O	Wausau	44	58	89	40		1	2	Nov'58	Dec'59		Rain broken.Smithson. Col.
V O	"	45	01	89	29	1220	4	0x	Jan'84	Jun'89		Temp.(max.min.)Wind,Clds.Rain.
V O	Wein	45	00	90	30	1000		1	Dec'73			Smithsonian Collection.
V O	"						1	5x	Jan'74	Jun'75		(Marathon City)T.Wind,Clds.R.
	DOOR.											
V O	Sturgeon Bay	44	52	87	30		4	2x	Feb'70	Jun'74		Smithsonian Collection
V O	" "					665		6	Jan'74	Jun'74		Temp.Wind,Clds.Rain.

X Record broken.

																	BOUCLAS.
V	0	Superior				45	42	92	02	880	10	0x	Dec'76	Dec'87			Smithsonian Collection.
																	BATFIELD.
V	0	Dayfield				45	40	00	50		8	4x	Sep'58	Jul'73			Smithsonian Col.Rain fall.
																	KAMLOOPS.
V	0	Ashland				45	35	91	00	810	7	7x	Jul'56	Nov'73			Smithsonian Collection.
V	0	"				46	34	91	00	830	7	8x	Apl'74	May'82			Observations at Day City. Temp. wind, clouds and rain.
V	0	Brittania				46	00	90	38		3		Oct'89				
																	MAUGET.
V	0	Grandview				45	46	92	40		8		Apl'89				Temp.(max.min.)Rain.
																	PRICE.
S	5	Phillips				45	40	90	24		2	5	Aug'87			T	Rainfall station.
																	CHUTTENA
S	5	Clapperton Falls				44	55	91	32		2	4	Sep'87			T	Rainfall station.
																	LIMCZIN.
S	5	Rainbrandt				45	38	89	35		1	7	Aug'87	May'89		T	Rainfall station.
																	LANGLADE.
V	0	Summit Lake				44	25	89	12			10	Mar'89				Rainfall broken.
																	INNIS.
V	0	Westen				44	47	92	00		1	0	Sep'88	Aug'89			Temp.Wind,Rain.
																	TAYLOR.
T	5	Hedlund				45	09	90	22			7	Jun'89			T	Rainfall station.
																	CLARK.
V	0	Greenwood				44	12	90	35			8	May'89				Temp.(max.min.) Rain.
V	0	Nelliavilla				44	35	90	30	890	11	1x	Jan'76				Temp.(max.min.)Wind,Clds.Rain.
																	MARATHON,
V	0	Rosina				44	48	89	36	730	1	11x	Jan'59	Oct'72			Smithsonian Collection.
V	0	Wausau				44	38	89	40		1	2	Nov'58	Dec'59			Rain broken.Smithson. Col.
V	0	"				45	01	89	39	1200	4	0x	Jan'84	Jun'89			Temp.(max.min.)Wind,Clds.Rain.
V	0	Wein				45	00	90	30	1800		1		Dec'72			Smithsonian Collection.
V	0	"										1	5x	Jan'74	Jun'75		(Marathon City)T.Wind,Clds,R.
																	DOUR.
V	0	Stanzoon Bay				44	52	87	00		4	2x	Feb'70	Jun'74			Smithsonian Collection
V	0	"								815		5	Jan'74	Jun'74			Temp.Wind,Clds.Rain.

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		° ′	° ′						
	TREMPEALEAU.								
V O	Glasgow	44 00	91 05		10x	Jan'83			
	JACKSON.								
V O	New Donemora	44 17	90 38		1 6	Jan'53	Jun'59	R	Smithsonian Collection.
	WAUPACA.								
V O	Embarrass	44 25	88 38		11 7x	Oct'56	Oct'73		Smithsonian Collection.
V O	"	44 31	88 33		16 2	Nov'73			Temp.Wind,Clds.Rain.
V O	New London	44 21	89 00		1 11	Oct'56	Aug'58		Rain broken. Smith. Col.
V O	Waupaca	44 21	89 10	900	10 0	Dec'63	Nov'73		Rain broken. Smith. Col.
V O	"				2 2	Jan'74	Feb'76		Rain broken.
V O	Weyauwega	44 20	89 02	900	4 11x	Jan'60	Dec'73		Smithsonian Collection.
	OUTAGAMIE.								
V O	Appleton	44 18	88 31	800	8 6x	Jan'56	Apl'71		Smithsonian Collection.
	BROWN.								
V O	Green Bay	44 30	88 05	620	21 3x	Jan'22	May'52		(Ft.Howard) Smithsonian Col.
V O	" "	44 29	88 00	732	3 3x	May'58	Dec'65		Smithsonian Collection.
S S	" "	44 31	88 00	616	3 4	Sep'86			2d Order.
	KEWAUNEE.								
V O	Lincoln	44 39	87 44		1 4x	Aug'88			
	LA CROSSE.								
S S	La Crosse	43 49	91 15	744	17 2	Nov'72			2d Order station (River obs.).
	JUNEAU.								
V O	Dunbar	44 00	90 20		1 0	Dec'87	Nov'88		Max.min.temp.,Wind,Clds.Rain.
V O	New Lisbon	43 52	90 17		5 7x	Mar'67	Oct'73		Smithsonian Collection.
	WAUSHARA.								
V O	Wautoma	44 05	89 25	1200	1 5x	Jan'71	Dec'74	T	Smithsonian Collection.
V O	"				5 1x	Apl'74	Sep'79		Wind,Clds.Rain.
	WINNEBAGO.								
V O	Oshkosh	44 00	88 30	760	1 0x	Sep'83			Temp.(max.min.) Rain.
	MANITOWOC.								
V O	Manitowoc	44 07	87 46	653	21 11x	Oct'51	Dec'73		Rain broken. Smiths'n. Col.
V O	"				16 0	Jan'74			Bar.Temp.(max.min.)Hyg.Wind. Clouds and Rain.
	MARQUETTE.								
V O	Green Lake	43 48	88 56		1 0	Jan'50	Dec'50	R	Smithsonian Collection.

X Record broken.

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	FOND-DU-LAC.	°	′	°	′							
V O	Fond-du-Lac	43	44	88	26	754	3	10	Mar'86			Temp.(max.min.)Wind,Rain.
V O	Ripon (College)	43	48	88	33			10	Nov'65	Aug'66	R	Smithsonian Collection.
V O	"	43	44	89		96[illegible]	1	4x	May'80	Jun'84	T	Data Book.
V O	"						1	3x	Aug'80	Aug'84	T	
V O	Waubousta	43	39	88	11		2	0x	Apl'87			Obs. made at 7 a.m. only.
	SHEBOYGAN.											
V O	Franklin	43	51	87	55	719	6	2x	Apl'81	Jan'88		Bar.Temp.Wind,Clouds and Rain. Obs.made at Mission House.
V O	Holland	43	46	87	58	670	5	1x	Oct'68	Dec'73		Smithsonian Collection.
V O	Plymouth	43	45	88	06	870	4	10x	Jan'65	Feb'70		" "
	VERNON. (en.											
V O	Prairie du Chi-	43	05	91	00	624	18	5x	Jan'22	Aug'45		Obs.at Ft.Crawford. Smo.Col.
V O	" "	43	02	91	01		4	2	May'84	Jun'88		Temp.Wind,Clds.Rain. Obs. made at Sacred Heart College.
V O	Wauzeka	43	04	90	55			5	Aug'89			
	RICHLAND.											
V O	Richland Cent.	43	21	90	23			10	Mar'89			Temp.(max.min.)Wind,Clds.Rain.
	SAUK.											
V O	Baraboo	43	29	89	54	920	8	6x	Jan'52	Jan'72		(Table of average monthly rain Jan'52 to Jun'53 in addition). Smithsonian Col.
	COLUMBIA.											
V O	Bellefontaine	43	40	89	15		1	0	Jan'54	Dec'54	R	Smithsonian Collection.
S S	Portage	43	32	89	28		2	5	Aug'87		T	Rainfall station.
V O	Rocky Run	43	33	89	19		15	1x	Aug'59	Dec'74		Smithsonian Collection.
V O	" "					755	4	1x	Jan'74	Aug'78		Temp.Wind,Clds.Rain.
V O	Ft. Winnebago	43	33	89	28	770	13	5x	Jan'29	Aug'45		Smithsonian Collection.
	DODGE.											
V O	Horicon	43	27	88	37			3	Oct'89			
V O	Le Roy	43	35	88	34	1000	1	8	May'72	Dec'73		Smithsonian Collection.
V O	" "						2	11x	Jan'74	Dec'76		Temp.Wind,Clds.Rain.
V O	Lowell	43	20	88	54		1	0	Jan'57	Dec'57		Smithsonian Collection.
	OZAUKEE.											
V O	Fredonia	43	20	88	00	540	1	5	Jan'88	May'89		Temp.Wind,Clds.Rain.

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	GRANT.	°	′	°	′							
V O	Lancaster	42	50	90	04	1080	3	10x	Aug'83	Jun'89		Temp.(max.min.) Rain.
V O	Platteville	42	38	90	30	800	6	0	Jan'54	Dec'59		Rain.broken. Also a table of average rain, 6 yr.10 mos. Aug. 51 to Nov'59. Smo. Col.
	DANE.											
V O	Madison	43	05	89	24	1068	12	5x	Feb'53	Dec'73		Obs.at Wisconsin Univer.Sm.Col.
S S	"					949	4	6	Oct'79	Mar'83		2d Order station.
V O	"						11	5x	Jan'74			Bar.T.(max.min.)Hyg.Wind,Clds. and R. Obs. at the University.
V O	Utica (1 mile E	42	50	89	50	900	2	5x	Nov'74	Sep'77		Temp.Wind,Clds.Rain.
	JEFFERSON.											
V O	Aztalon	43	03	88	54		1	11	'50	'51		Table of mean monthly temp.S.C.
	WAUKESKA.											
V O	Delafield	43	04	88	34	900	10	6x	Jan'45	Jun'63		Temp.& 2 yrs.rain Sm.Col.
V O	Sussex	43	09	88	112	950	2	4	Apl'83	Jul'85		Bar.T.(max.min.)Hyg.Wind.Cld.R.
V O	Waukesha	43	01	88	14	812	3	1	Mar'56	Mar'59		Temp.& 3 mos.Rain. Sm. Col.
	MILWAUKEE.											
V O	Milwaukee	43	04	88	00	593	28	2x	Jan'37	Dec'71		Smithsonian Collection.
S S	"	43	02	87	54	697	19	2	Nov'70			2d Order station.
	GREEN.											
V O	Cadiz	42	32	89	43		1	4	Sep'83			Rain broken.
	ROCK.											
V O	Beloit (College	42	30	89	11	750	22	7x	Jan'50	Dec'73		Smithsonian Collection.
V O	"	42	30	89	02	800	14	9	Jan'74	Sep'88		Bar.T.(max.min.)Hyg.Wind.Cld.R.
V O	Edgerton	42	38	89	00	1700	6	4x	Jul'67	Nov'73		Smithsonian Collection.
V O	"	42	45	89	00	900	1	10x	Aug'80	May'83		(Evansville)T.Wind,Cld.R.Sm.Col
V O	Emerald Grove	42	39	88	34	1005	4	3	'49	'53	R	Mean monthly Temp. Sm.Col.
V O	Janesville	42	41	89	00	780	9	4x	Apl'53	Jul'62		Smithsonian Collection.
V O	Milton	42	49	89	05	873	1	0	Dec'72	Nov'73		" "
	WALWORTH.											
V O	Bloomfield	42	30	88	20	900	9	11x	May'63	Dec'73		Smithsonian Collection.
V O	"						7	4	Jan'74	Apl'81		(Geneva)T.Wind.Clds.Rain.
V O	Elkhorn	42	40	88	40	450	1	8	Feb'73	Aug'74		Temp.broken. Sm. Col.
V O	"							10x	Jan'74	Dec'74		Temp.Wind,Clds.Rain.

X Record broken.

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                                                                  CLAYT.
V 0 Lexington                   42  20 00  04 1000  3 1Cx Aug'05 Jun'08   Temp.(max,min,) Rain.
V 7 Wellsville                  42  23 C2  30  800  8  0  Jan'84 Dec'32   Rain.Wind. Also a table of
                                                                          average rain,0 ;r.10 yrs. Aug.
                                                                          Cl to Nov'09. Sno. Col.

                                                                  D A N B.
V 0 Danbury                     42  08 00  24 1038 12  8x Feb'82 Dec'73   Conn.at Wesleyan Univer.Sn.Col.
V 2 "                                            819  4  0  Oct'70 Mar'02  Sd Order station.
V 0 "                                                11  8x Jan'74        Bar.,.(max,min,)Dep.Mean,Cities.
                                                                          and R. Obs. at the University.
V 0 Yales (1 mile) Ent          20 20  00  800  2  8x Nov'74 Sep'77   Temp.Wind,Clds.Rain.

                                                                  DELAWARE.
V 0 Dover                       42  05 22  64    1 11     '30    '51   Table of rain monthly temp.I.C.

                                                                  WASHINGTON.
V 0 Dufield                     42  04 88  34  800 10  8x Jun'46 Jun'03   Temp.& 2 yrs.rain Sn.Col.
V . Juniata                     42  03 00 112  800  2  4  Apr'02 Jul'85   Bar.T.(max.min.)Hy.Wind.Cld.R.
V 0 Washington                  42  01 88  14  812  3  1  Mar'80 Mar'09   Temp.& 3 mos.Rain. Sn. Col.

                                                                  WYOMING.
V 0 Milwaukee                   42  04 88  00  820 28  2x Jan'87 Dec'71   Southwestern Collection.
S 2 "                           42  00 07  34  627 12  2  Nov'70         Sd Order station.

                                                                  GREEN.
V 0 Cuba                        42  32 08  42    1  4  Sep'83            Rain broken.

                                                                  ROCK.
V 0 Janesville (College)        20 C8  11  720 22  7x Jan'80 Dec'73   Southeastern Collection.
V 0 "                           42  30 88  02  800 14  9  Jan'74 Sep'88  Bar.T.(max,min,)Hy.Wind.Cld.R.
V 0 Edgerton                    42  32 88  00 1700  8  4x Jul'07 Nov'78  Southeastern Collection.
V 0 "                           42  40 30  00  800  1 10: Aug'80 Nov'01  (Wyman-Gill)T.Rain,Cl.R.Sn.Col
V 0 Janesville Grove            42  20 30  34 1000  4  2    '40    '67 R Rain monthly Temp. Sn.Col.
V 0 Janesville                  42  41 80  00  720  2  4x Apr'83 Jul'02   Southeastern Collection.
V 0 Janesville                  42 ,48 80  00  875  1  0  Dec'72 Nov'73   "                "

                                                                  WALWORTH.
V 0 Elkhorn                     42  20 88  20  300  8 11x May'82 Dec'73   Southeastern Collection.
V 0 "                                             7  4  Jan'74 Apr'81   (Gravs)T.Wind.Clds.Rain.
V 0 Elkhorn                     42  40 83  40  400  1  8  Sep'73 Aug'74  Temp.broken. Sn. Col.
V 0 "                                            10x Jan'74 Dec'74        Temp.Wind,Clds.Rain.
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	WALWORTH (Con.)									
V 0	Delavan	42 39	88 42	957	3	4	Sep'64	Dec'67		Smithsonian Collection.
V 0	"	42 45	88 30	910	3	3x	Jun'86			Bar.Temp.(max.min)Wind.Cld.R.
V 0	Honey Creek	42 36	88 30			5	Aug'89			Temp.(max.min.) Rain.
	RACINE.									
V 0	Norway	42 50	88 10	753	1	4x	Mar'56	Nov'61		Caldwell Prairie. Sm. Col.
V 0	Racine	42 43	87 49	600	1	11x	Nov'55	Jan'61	R	Smithsonian Collection.
V 0	"				1	0	Jan'85	Dec'85	R	
	KENOSHA.									
V 0	Kenosha	42 35	87 56	600	6	8x	Jan'56	Jun'63		Smithsonian Collection.

X Record broken.

Fragmentary Records of less than a year in length are on file from the

Following Stations:
W I S C O N S I N.

Station	County.	Station	County
Columbus	Columbia	New Richmond	St Croix
Cresco	Fond-du-Lac	Oakfield	Fond-du-Lac
Dartford	Green Lake	Pardeeville	Columbia
Friendship	Adams	Parfreyville	Waupaca
Gainesville (Univ.)	Trempealeau	Prescott	Pierce
Hayward	Sawyer	St.Croix Falls	Polk
Lake Mills	Jefferson	Southport	Kenosha
Lebanon	Waupaca	Springvale	Columbia
Menasha	Winnebago	Walworth	Walworth
Mount Morris	Waushara	Waterford	Racine
New Holstein	Columbia	Watertown	Jefferson
		Whitewater(near)	Walworth

Preliminary Records of Iowa that a very in Lincoln are on file from the

Railway Stations:
S I E C O V E I N.

Station	County	Station	County
Columbus	Columbia	Fort Dodge	St Croix
Corydon	Pond-du-Lac	Fortville	Pond-du-Lac
Earlford	Green Lake	Independence	Columbia
Jefferson	Adams	Fairchildville	Washtenaw
Dallas City (Univ.)	Treasures	Fairport	Pierce
Dorchester	Sawyer	St Croix Falls	Polk
Lake Mills	Jefferson	Portsport	Kenosha
Lewiston	Wausau	Richfield	Columbia
Mexico	Winnebago	Richville	Wilworth
Mount Ellis	Sauvara	Waterford	Racine
New Salem	Columbia	Waterloo	Jefferson
		Whitewater(near)	Walworth

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	YELLOWSTONE NAT.PARK	° ′	° ′	′						
V O	Mammoth Hot Springs	45 00	110 55	6365	1	2	Nov'86	Dec'87	R	Temp.
M D	Camp Sheridan	44 58	110 41	6200	3	2x	Nov'86			Temp(max-min).rain.wind.
	CROOK									
V O	Sundance	44 26	104 21		0	2	Nov'89			Temp.rain.
	JOHNSON									
M D	Ft.McKinney	44 23	106 46	5175	1	11	Jan'86	Nov'87		Bar.temp(max-min)rain.wind.
S S	"				2	1	Dec'87			Full observations.
M D	Ft.Philip Kearney	44 30	106 50	6000	1	6x	Jan'67	Jul'68		Temp.hyg.rain.wind.
	MINTA									
V O	Fort Bridger	41 28	110 30	6643	3	2x	Jul'58	Jun'63		Temp.rain.
M D	"				16	3x	Jul'63			Temp(max-min)hyg.rain.wind.
S S	"				4	2	Jul'84	Sep'88		Full observations after Aug'85
V O	Carter	41 28	110 27		1	8	Mar'88		T	Rain
V O	Evanston	41 15	110 55	6835	0	2x	Oct'89		T	Rain.temp(max-min)
	FREMONT									
M D	Camp Brown	42 58	108 53	5000	5	11x	Jan'72	May 78		Temp(max-min)rain.wind.
V O	Lander	42 50	108 45		0	1	Dec'89			Temp.rain.
M D	Camp Stambaugh	42 30	108 49	8012	4	2x	Dec'70	May 73		Bar.temp.rain.wind.
M D	Ft.Washakie	43 01	108 54	5520	1	6	Aug'80	Feb'82		Temp(max-min).rain.wind.
S S	"				1	3	Mar'82	May 83		Full observations.
M D	"				1	1x	Aug'83	Dec'87		Temp(max-min).rain.wind.
S S	"				2	0	Jan'88			Full observations.
	CONVERSE									
V O	Lusk	42 42	104 29	5031	0	11	Feb'89			Temp.rain.
	SWEETWATER									
V O	Camp Pilot Butte	41 34	109 50	6260	1	3	Oct'88			Temp.rain.wind.
	CARBON									
V O	Carbon	41 54	106 20		0	3	Oct'89			Temp.rain.
M D	Fort Fred Steele	41 48	106 57	7640	13	8x	Feb'68	Dec'86		Temp(max-min)hyg.rain.wind.

X Record broken.

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		° ′	° ′						
	CARBON Con-								
V O	Fort Halleck	41 50	106 50	7800	1 11	Sep'62	Jan'65	R	Temp.
M D	"				1 2x	Feb'65	Apl'66	R	Temp.wind.
S S	Rawlins	41 45	107 24	6753	1 4	Sep'88			Temp.rain.wind.
S S	St.Mary's(called Edson after May '80)	41 50	106 41	6772	3 1	Sep'77	Aug'80		Temp.rain.wind.clds. (Sunset Station)
V O	Saratoga	41 29	106 47		0 4	Sep'89			Temp(max-min).rain.
	ALBANY								
M D	Ft.Fetterman	42 50	105 30	5250	13 0x	Nov'68	Jan'82		Bar.temp(max-min)rain.wind.
S S	"				3 1	Aug'77	Oct'80		Temp.rain.wind.clds. (Sunset Station)
	LARAMIE								
S S	Cheyenne	41 08	104 48	6105	19 2	Nov'70			Full observations.
M D	Ft.D.A.Russell	41 12	104 50	6032	7 4x	Dec'69			Temp(max-min)hyg.rain.wind.
S S	Hat Creek	42 57	104 04		3 0x	Oct'77	Sep'80		Temp.rain.wind.clds. (Sunset Station)
V O	Ft.Laramie	42 14	104 25	4519	10 4x	Sep'49	Dec'59		Temp.rain.
M D	"				13 1x	Jan'80	Dec'77		Temp(max-min)hyg.rain.wind.
S S	"				3 3	Dec'85	Apl'89		Temp(max-min)rain.wind.
M D	"				0 9	May 89			Temp(max-min).rain.wind.
V O	Wheatland			5000	0 11	Dec'88			Temp.rain.

List of Stations having less than one year's record and which are not now in operation.

Station	County
Deer Creek Agency	Converse
Gilbert's Trading Post	Fremont.
Laramie	Albany
Scott Camp	Minta
Sweetwater Bridge	Natrona
Fort Thompson	Fremont.

Wy.2

X Record broken.

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ADDITIONS, ERRATA AND CORRIGENDA

ALABAMA

Page 1. Centre — For 5 (length) read 4 0; omit Aug'89; add in remarks, temp(max-min) rain.

Page 2 — For Greensboro read Greensborough

Page 3 — Marion — For 87 26 read 87 21

C R Uniontown — For 32 18 read 32 28

For Sumpter read Sumter

V O Livingston — For 88 05 read 88 19

For Merengo read Marengo

Page 4 — Butler — For -1 read 1 0

For Oswichie read Oswichee

For Conecun read Conecuh

Troy — In each case read 31 48, 85 59

Page 5 — V O Citronelle — For 32 42, 88 05 read 31 07, 88 12

Page 6 — For Orville read Orrville

Omit the second Summerville-LEE

For Brundridge read Brundidge

ALASKA

Page 1 — Omit Petropaulovski

For Koskokvim read Kuskokwim

For Chilkaht read Chilkat

For Chilcoot read Chilkoot

For Marzovia read Morzhovoi

For Unalashka read Unalaska

Page 2 — For Kyska read Kiska

Omit Omilak

For Attou read Attu

Page 3 — For Unalashka read Unalaska

ARIZONA

Page 1 — Fort Mohave — For 9 0x read 25 6x

Omit Dec'74

For Prescott Junction read Seligman

Page 3 — Omit Camp Reno

For V O Camp Reno read M D Camp Reno 34 45, 112 13, 3726

Page 4 — Camp Date Creek — Prefix M D

For Wilcox read willcox — Er.1

X Record broken.

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		° ′	° ′						
									Sachs Ranch
	Page 5			For					..-read Sachs Ranch;same line for Wilcox read Willcox.
	Page 6			For	Camp Mogollen read				Camp Mogollon
					ARKANSAS				
	Page 3			For	Devall's Bluff read				Devall Bluff
				For	Hot Springs read				Hot Spring.
	Page 4			For	Altus --Stone read				Altus--Franklin.
					CALIFORNIA				
	Page 3			For	Ukiha read				Ukiah
					R R Orland. omit of.				
					Under Colusa Co.insert.				
R R	Fruto	39 21	122 27		295	1 4	Sep'88		Temp.(max,min).wind.rain.
	Page 4			For	Bowman's Dam read				Bowman Dam.
	Page 5			For	V V Placerville read				V O Placerville.
					Under Yolo Co.insert				
V O	Winters(near)	38 30	122 00		125	8	Nov'85 Jul'86		Temp(max-min)wind.rain.
R R	"	38 31	121 59			1 5	Aug'88	T	Rain record from Jul'85Pac. Rf 1.
	Page 6				Omit V O Winters(near)and R R Winters.				
	Page 7				In Rio Vista remarks for '88 read '73				
				For	Benecia read				Benicia
				For	Copperapolis read				Copperopolis
				For	Sansalito read				Sausalito
	Page 8			For	Marin read				San Francisco con.
				For	Berkley read				Berkeley
	Page 9			For	Murphy's read				Murphys
	Page 10			For	Almadia read				New Almaden
	Page 11			For	Kingsburg read				Kingsburgh
					Omit Fruto in full.				
				For	Alcade read				Alcalde
	Page 12			For	Delmonte read				Del Monte
				For	Livermore read				Lemoore
	Traver			For	36 14 read		36 27		,for 119 37 read 119 30
	Bishop Creek			For	37 21 read		37 20		for 118 22 read 118 19
X Record broken.	Paso Robles			For	35 34 read		35 38		for 120 [illegible] read 120 41

Elev. 723.

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		° ′	° ′						CALIFORNIA Con.-
Page 13									For Mojave read Mohave
									For Rancho de Jurupa read Rancho de Jurupa
	San Gorgonia								For 33 55 read 33 54, for 117 02 read 116 54, for 2560 read 2317
	Ontario								For 34 04 read 34 03, for 116 40 read 117 40, elevation add 891
Page 14									For Rancho d Chimo read Rancho de Chino
	Ventura								For 119 08 read 119 13
									For S.Buenventura read San Buenaventura For 34 17 read 34 27
Page 15									For Puenta read Puente
	Anaheim								add(Orange County)
	Santa Ana								add (Orange County)
	White Water								For 6-9 read 8-1, for Jun'84 read Sep'85
Page 16									To San Luis Rey prefix V O
	Laguna Mts.								For V V O read VO; for 1 0x read 1 5x; from Apl'85 to Dec'86
									For Valleeitas read Valleeitos
									For Murietta read Murrietta
									For Cateus read Cactus
									For Elismore read Elsinore
									Omit Dog Creek entirely
Page 17									For Ano Neuvo read Ano Nuevo
	New Idria								For Fresno read San Benito
	Otay Mesa								For San Rafael read San Diego
	Gonzalez								read Gonzales
									For Fort Harford read Port Harford
	Point Arenas								read Point Arena
	E.Brother Isld.								For Contar Costa read Contra Costa.
									For Arroyo read Arroyo Grande
Page 18	Cuyama								For Santa Barbara read San Luis Obispo
									For Waugh's Ferry---?read Waugh---Shasta
									For Rodes d'Las Argus read Rodeo de Las Argus
	Laguna Rancho								For Los Angeles read San Diego
									For Tower House read Tower Hall.
	Santa Catalina Id								add Los Angeles
	Earlham(Orange)								For Los Angeles read Orange
									For Grand View, Los Angeles read Grandview--Tulare
	Westminster								For Los Angeles read Orange
	Clayton								For Contar Costa read Contra Costa
	Marsh Ranch								For Contar Costa read Contra Costa
	Paradise City								add Stanislaus

X Record broken.

Dec 12		[illegible]
		[illegible]
		[illegible]

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		° ′	° ′						CALIFORNIA Con.-
	Page 18 con.-								Add Cedarville----Modoc
									Add to Page 13 this note:
									Records of rainfall of greater or less extent have been received from the following mentioned Light Houses, Ballast Point, Point Fermin, Point Hueneme, San Luis, Piedras Blancas, Point Sur, Trinidad Head, Point Pinos, Point Bonita, Lime Point.
	Page 2								Under Shasta insert;
V O	Dog Creek	41 05	122 22		2	5x Jan'88	Jan'85	T	
	Anderson								For 123 45 read 122 45
									COLORADO
	Page3	Como							For 2 1x read 5 0, for Oct'87 read Jan'85
		Aroya							omit the line entirely
		Palmer Lake							Insert this line immediately following
W S	Peyton	39 00	104 36		1	0x Jul'87		T	
									Under Cheyenne Co. insert;
W S	Aroya	38 53	103 09			4x Apl'89			
	Page 5								For Pagos Springs read Pagosa Springs
									For Platora read Platoro
									For Los Animas read Las Animas
	Page 6								For Contonment read Cantonment
									Add Caribou----Boulder
									Omit Eastonville----El Paso
									For Poncha Springs read Poncho Springs
									Omit Springfield----Baca
									For Sun View read Sunview
									FLORIDA
	Page 1								For Belair read Bellair
	Page 2								For Suwanee read Suwannee
									For Welborn read Wellborn
									For Fort Heilonan read Fort Heileman
	Page 3								For Volusa read Volusia
									For Daytonia read Daytona
	Page 4								For Merrits Island read Merritts Island

Fr. 4

X Record broken.

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					FLORIDA Con.-				
	Page 4 Con.Ft.Pierce				For Caprow read Capron				
					For Fort Brook read Fort Brooke				
					For Fort Myer read Fort Myers				
					For Fort Deynand read Fort Deynaud				
					For Punta Rassa read Punta Rasa				
	Page 5				Omit Fort Henderson entirely				
	Page 6				For Fort Hamer read Fort Harmer				
	Fort Pickens				For Escambia read Santa Rosa				
					GEORGIA				
	Page 1				For Lafayette read La Fayette				
					For Wolley's Ford read Woolleys Ford				
	Page 2				For Clark read Clarke				
	Page 3				For Thompson read Thomson				
					After Zebulon add as a County name UPSON				
	Page 4				For Ogeeche read Ogeechee				
	Page 5				For Jessup read Jesup				
	Page 6				Under Charlton insert;				
M D	Fort Henderson	30 51 82	09 25 1	0x	Oct'38	Dec'39	R		Filed as Florida
	Page 7				Omit Americus---Sumter				
	Clarkesville				For Haversham read Habersham				
	Dalton				For Whitefield read Whitfield				
					For Fegin read Feagin				
					For Greenville read Greeneville				
	Harmony Grove				For Jefferson read Jackson				
					For Lake read Lake Creek				
					For Marshallville read Marshallsville				
					For Oak Grove read Oakgrove				
	Trader's Hill				For Charleton read Charlton				
					IDAHO				
	Page 1				For Lembi Agency --Lembi read Lemhi Agency--Lemhi				
					ILLINOIS				
	Page 1				For Stepheson read Stephenson.				

Er.5

X Record broken

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		° ′	° ′						
				ILLINOIS Con.-					
	Page 2	Sandwich		For Dec'53 --Aug'74--Smithsonian Collection.read Jan'52--Dec'84 Monthly Weather Review Ap'l'85 page 109 Under Ogle insert;					
V O	Rochelle(Alto)	41 56	89 03		5	Ox Jul'66	Jul'71		Sm.Col.Temp.2 mo.rain.
	Page 3			Omit V O Alto entirely					
		Andalusia		For Edington read Edgington					
	Page 4	Elmore		Insert under Peoria and cancel under Knox					
	Page 5			For Minouk read Minonk					
	Page 6			For Petersburg read Petersburgh					
	Page 7			For Vermillion read Vermilion					
	Page 8			For Hillsboro read Hillsborough					
	Page 11			For Old du Quoin read Old Duquoin					
				For Mc.Leansboro read Mc.Leansborough					
	Page 12	Granville		For Putman read Putnam					
				For Harrisburg read Harrisburgh					
		Danville		For Vermillion read Vermilion					
				For Kampville read Kampsville					
				For Keithsville read Keithsburgh					
				For Manlius read Manlins					
				For N.Caledonia read New Caledonia					
		Ridge Farm		For Vermillion read Vermilion					
				INDIANA					
	Page 1			For La Grange read Lagrange					
				For Whitney read Whitley					
	Page 2			For Kakomo read Kokomo					
	Page 3			For Harveysburg read Harveysburgh					
				For Crawfordville read Crawfordsville					
	Page 6			For Lawrenceburg read Lawrenceburgh					
	Page 7			For Huntingburg read Huntingburgh					
	Page 8			For Vanderburg read Vanderburgh					
				For Degonia Springs read De Gonia Springs.					
	Page 9			For Commuskey read Conniskey					
				For Greensburg read Greensburgh					
				For Pierceetown read Pierceton					
				For Steam Corners read Steam Corner					Fr.6

X Record broken.

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		° ′	° ′						
				IOWA					
	Page 1			For Winnesheik read Winneshick					
				For Palo Alta read Palo Alto					
	Page 2			For Larabee read Larrabee					
	Page 3			For Guttenburg read Guttenberg					
	Page 4			For Borden Plains read Border Plains.					
	W S Brookside			For Byrod read Bryan.					
	Page 6			For Belle Plain read Belle Plaine					
	Page 7			For Whiteborough read Whitesborough.					
				For Poweshcik read Poweshiek					
	Stellapolis			For Williamsburg read Williamsburgh					
				Under Johnson insert;					
W S East Lucas Twp.					2	10x Jan'81	Dec'83		
W S Lucas Township					2	7x Jan'78	Aug'81	T	
	Page 8 West Branch			For Cedar Bluffs read Cedar Bluff					
	Clinton			For Comache read Comanche					
	Vanter's Grove			For Fontanello read Fontanelle					
	Page 9			Under Union insert;					
W S New Hope Twp.					4	3 Oct'75	Dec'79	T	
	Page 11			Omit entirely, East Lucas, Lucas Township, and New Hope Township					
	Page 12			For Cedar Bluffs read Cedar Bluff					
				For Dakota read Dakotah					
				For Fort Crogan read Fort Croghan					
				For Fredericksburg read Fredericksburgh					
				For Lizzard---Pocahontas read Lizard---Calhoun.					
				For Spauldings read Spaulding					
				For Wolf Creek Township--? read Wolf Creek Twp.--Woodbury					
				For Woodlawn --? read Woodlawn---Henry					
				KANSAS					
	Page 1			Before Waterville insert MARSHALL as the County name					
	Page 2			For DAVIS read GEARY					
	Page 3			For Williamsburg read Williamsburgh					
	Page 7			For Douglas read Douglass.					

Er.7

X Record broken.

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		° ′	° ′						
				KANSAS Con.-					
Page 9				For Downer's read Douner's					
	Greenwood			For Elk read Greenwood					
				For Hill City read Hill City					
				For Medicine Valley Lodge read Medicine Lodge					
	Moneka			Add Linn					
				For Osawatomie read Osawatomie					
				For Tonganoxie read Tonganoxie					
				KENTUCKY					
Page 1				For Catlettsburg read Catlettsburgh					
				For Chilesburg read Chilesburgh;for 84 06 read 84 21					
				For Bennetsville read Bennettsville.					
				For Beardstown read Bardstown					
Page 4				For Harrodsburg read Harrodsburgh					
				For Loudon read London.					
				For Owensboro read Owensborough.					
				For Taylor's Bar'ks read Taylor Bar'ks					
				For Whitesburg read Whitesburgh.					
				LOUISIANA					
Page 1				For Okalossaread Okaloosa					
				Under Caldwell insert W S Columbia					
Page 2				For Block River read Black River					
				For Fort Jessup read Fort Jesup.					
				For Vandalia read Vidalia					
Page 3	West Feliciana			For 1320 read 1833					
	N D Baton Rouge			For Jan'60 read Jun'60					
				For Calcasien read Calcasieu					
Page 4				For Arcadia read Acadia					
	Shell Beach			For 89 36 read 92 05					
Page 5	V O New Orleans			For 27 3 read 27 3x					
				For Le Fourche read La Fourche					
				For Plaquemine read Plaquemines					
				For Fort St.Philips read Fort St.Philip.					

X Record broken.

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		° ′	° ′						
				LOUISIANA Con.-					
Page 3				For Joh read John.					
	Jennings			For Calcasien read Calcasieu					
	Red River Ldg			For Coupie read Coupee					
				For Vandalia Plantation read Vidalia Plantation--Concordia					
				For Breau read Breaux					
	St.Martinville			Add St.Martin.					
				MAINE					
Page 1				For Fryeburg read Fryeburgh					
				For KENEBEC read KENNEBEC					
Page 2				For Vassalboro read Vassalborough					
				Omit North Haven.					
				For Surrey read Surry					
Page 3				For Bridgeton read Bridgton					
				For North Bridgeton read North Bridgton.					
				After Topham insert;					
KNOX									
V O	North Haven	44 08	68 52	22	4 8	May 70	Dec'74		Sn.Col.temp.rain.
				For Brewer Village read Brewer Village					
				For Embodon read Embden					
				For Foxcraft read Foxcroft					
				For Newcastle read New Castle					
				For Weaster read Webster					
				MARYLAND					
Page 1	Leistertown			For Leistertown read Leitersburg;for 4 1 read 4 7x;for Jun'58 read Sep'51					
				For Schellman's Hill read Schellman Hills					
				For Reistertown read Reisterstown.					
Page 2				For Reistertown read Reisterstown					
				For Gaithersburg read Gaithersburgh					
				For PRINCE GEORGE read PRINCE GEORGES					
				For Bladensburg read Bladensburgh.					

Er.9

X Record broken.

[illegible]

[illegible]

Page 1 [illegible] For [illegible] Road Cross.
[illegible] For Clairaire Road Clairaire
For Elder Lane For Cockell Road Cooper
For Vaughn Flatbush Road Village Flatbush--Cornwall
For Cedar Road Stream
St. Martinville And St. Martin.

LAING

Page 1 For Jay River Road Jaysville
For Kingsbury Road Kingsbury
Page 2 For Vaughn Road Vaughnsville
Salt North River.
For Gurney Road Gurney
Page 3 For Lakeview Road Lake View
For Mecca Intersection Road Cold Springs
Alpine Twelve Miles.

ELDON

Page 1 North Lawrence 44 Co 23 Rd 23 4 1 Mar 73 Aug'74 Co.Rd.Imp.Pub.
For Bryant Village Road Brewer Village
For Lincoln Road Lincoln
For Chapelle Road Chapelle
For Sorrento Road Sorrento
For Weaver Road Weaver

MARYLAND

Page 1 Lakeville For Lakeville Road Lakeville;Rd 4 1 Mar 4 Taylor-Aug'74
Road Sep'74
For Gardiner's Mill Road Gardiner Mills
For Middleton Road Middletown.
Page 2 For Middletown Road Middletown
For Galloway Road Galloway
For Pulpit Gutter Road Pulpit Gutter
For Tomlinson Road Tomlinson.

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		° ′	° ′						
				MARYLAND Con.-					
Page 3				For Federalsburg read Federalsburgh.					
				MICHIGAN					
Page 1	Fort Wilkins			For Keneewa read Keweenah					
Page 2				For St.Ignac read St.Ignace					
Page 3				For Fyfe Lake read Fife Lake					
Page 4				For NEWAGO read NEWAYGO					
				For ISABEL read ISABELLA					
Page 7				For Fitchburg read Fitchburgh					
				For Williamstown read Williamston					
Page 11				For Petersburg read Petersburgh					
Page 12				For Bad Ax read Bad Axe					
	Portage Lake			For Kalamazoo read Houghton.					
				MINNESOTA					
Page 1				For Syval Park read Sylvan Park					
				For ATHIN read AITKIN					
				For WADENA read WADENA					
				For Wadena read Wadena					
Page 3				Before Hazlewood insert LAC QUI PARLE					
Page 4				For Olmstead read OLMSTED					
Page 6	Grand Portage			For Lake read Cook					
				For Kandotta read Kandota					
				For Tamarack read Tamarac					
	Fond-du-Lac			For Meeker read St.Louis					
	Travers des Sioux			Add Nicollet					
				For Itasca ---Anaka read Itaska ---Anoka					
				For Lapham --? read Lapham --Otter Tail.					
				MISSISSIPPI					
Page 4				For Natches read Natchez					
				For Waynesboro read Waynesborough.					
				For Wilkison read Wilkinson.					
				For Bay of St.Louis read Bay St.Louis.					

X Record broken.

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		° ′	° ′						
				MISSISSIPPI Con.-					
Page 5			For Baldwin read Baldwyn						
			For Eagle Grove read Early Grove						
				MISSOURI					
Page 1			For Atcison read ATCHISON						
			For Nordway read NODAWAY						
			For Wyoconda read Wyacondа;insert the entry under CLARK Co.						
Page 2			Insert the Palmyra records under MARION Co						
Page 3			For Audrian read AUDRAIN						
			For New Frankford read New Frankfort						
Page 4			For Warrensburg read Warrensburgh						
			For Allentown read Allenton.						
Page 5			For Unio read Union						
			For Wet Glaize read Wet Glaise						
Page 6			For Green read GREENE						
Page 7			For Bollington read BOLLINGER						
			For Cape Girardeau read CAPE GIRARDEAUand Cape Girardeau						
Page 8			Before Taney insert TANLY						
Page 9			For Highland read High Hill						
			For Linnes read Linneus						
			For Poplar Bluffs read Poplar Bluff						
				MONTANA					
Page 1			Carroll should precede DAWSON						
				NEBRASKA					
Page 3			For Stromsburg read Stromsburgh						
Page 7	Avon		Add Hamilton.						
			For Homesville read Holmesville						
			For Meade read Mead						
			For Mullan read Mullen						
			For Rock Bluffs read Rock Bluff						

Er.11

X Record broken.

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		° ′	° ′						
					NEVADA				
	Page 1				After Elko insert;				
W S	Elko*				5148	1 11	Feb'88		Temp(max-min)rain.barograph Thermograph.
	Page 2				After Fort Ruby insert;				
W S	Ruby Hill	39 40	114	39	8550	1 6x	Jul'83		Temp(max-min).rain.
					For the two records of Fort Churchill substiture				
M D	Fort Churchill	39 20	119	05	4284	7 10x	Oct'60	May 69	Temp.wind.rain.hyg.
	Page 3				After Hawthorne insert;				
W S	Hawthorne	38 30	118	40	4569	2 0	Jan'88		Temp(max-min),rain.
					Omit Ruby Hill--EUREKA Co.				
					NEW JERSEY				
	Page 3				Omit Little Egg Harbor.				
	Page 4				Under BURLINGTON insert;				
S S	Little Egg Hr.	39 30	74	17		3 9	Apl'82	Dec'85	Temp(max-min)wind.rain.
	Page 5				For Elmwood read Elwood				
					For Highlands of Navesink read Navesink				
					For Royeefield read Roysfield.				
					NEW MEXICO				
	Page 1				Under SAN MIGUEL insert;				
V O	Ojo Negro					2 7	Mar'84	Sep'86	
	Page 4				For Abique read Abiquiu				
					For Cabejon read Cabezon				
	Canon de Chama				Add Rio Arriba				
					For La Polvadero read La Polvadera				
					NEW YORK				
	Page 6				For Fort Edwards read Fort Edward.				
	Page 7				For Mc.Granville read Mc.Grawville.				
	Page 9				For Wedgewood read Wedgwood				
					For Waterbury read Waterburgh.				
					Before Elmira insert CHEMUNG				

X Record broken.

[illegible]

Page 1							After [illegible] Insert;
[illegible]							1[illegible] 1 11 [illegible]
Page 2							After [illegible] Forty Insert;
[illegible]	30	40	114				[illegible]
							For all two [illegible] of [illegible] Courtright [illegible]
[illegible] Court[illegible]	30	40	115	00	4[illegible]	7	[illegible] 00 [illegible] 30
Page 3							After [illegible] Insert;
[illegible] Davisville	30	30	118	40	0000	3	0 [illegible]
				[illegible]	[illegible]	[illegible]	Co.

NEW JERSEY

Page 3							Omit [illegible] Insert;
Page 4							Under [illegible] Insert;
[illegible] Little Egg Hr.	30	30	74	17	3	9	[illegible] 80'85
Page 5							For Elmwood read Elwood
							For [illegible] of Seventh read Harvesting
							For [illegible] read [illegible].

NEW MEXICO

Page 1							Under [illegible] Insert;
[illegible] Cuyo Nuevo				2	7	[illegible]	8 Sep'93
Page 4							For Abaqui read [illegible]
							For Cooper read Cabezon
							Omit de Gracia [illegible]
							For La Polvadera read La Polvadera

NEW YORK

Page 6							For Port Ashuris read Port Edward.
Page 7							For [illegible] read Mt.Gravville.
Page 9							For Wadsworth read Wadsworth
							For Watertown read Watertown.
							[illegible] Insert CHICKING

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		° ′	° ′						
				NEW YORK Con.-					
	Page 10			For CHENANGO read CHEMUNG Con.-					
	Page 12			Insert Fordhom under NEW YORK					
	Page 14			For Alexandria read Alexander					
				For Barnesville read Barnerville					
	Constantia			For Orange read Oswego					
				Omit Logansport					
				For Rock Lake read Rockland Lake					
				For Sonnet read Se.nett					
				For South Edmonston read South Edmeston.					
				Omit South Orange---Essex					
	Waverly			For Cattaraugas read Cattaraugus					
				NORTH CAROLINA					
	Page 1			Before SURRY insert;					
	ASHE								
V O	Staggs Creek	36	26 81	33 3000	2	1			N.C,Geological Survey.
				Under ROCKINGHAM insert;					
V O	Leaksville	36	30 79	47 496	2	2x	Jan'73	Feb'79	N.C.Geological Survey
				Under HALIFAX insert;					
V O	Scotland Neck	36	07 77	24 50	9	10x	Dec'72	Dec'82	N.C.Geological Survey.
				For Murfreesborough read Murfreesboro					
				Under Kitty Hawk insert;					
V O	Coanjock	36	20 75	52 20	6	2x	Jan'75	Dec'81	N.C.Geological Survey.
VO	Poplar Branch	36	14 75	52 10	2	3			N.C.Geological Survey
	WATAUGA								
V O	Sugar Grove	36	16 81	47	1	1	Mar'78	Mar'79	N.C.Geological Survey
V O	Boone	36	14 81	44 3250	3	1			N.C.Geological Survey.
	Page 2			For HILLSBOROUGH read ORANGE					
	Page 3			Under Haywood insert;					
V O	Waynesville	35	29 82	58 2736					N.C.Geological Survey
				For Ashville read Asheville					
				For Morgantown read Morganton.					
				Under Greenville insert;					
V O	"			35 6	9	Mar'75	Nov'81		N.C.Geological Survey.

Er.13

X Record broken.

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		° ′	° ′						
					NORTH CAROLINA Con.-				
	Page 4				Under Forest Hill insert;				
V O	Cashiers	35	04	83	05 3812	1 2	Dec'81	Jan'83	N.C.Geological Survey
					Under Brevard insert;				
	RUTHERFORD								
V O	Rutherfordton	35	22	81	25 800	1 9x	Jun'69	Apl'72	N.C.Geological Survey
					Under Lincolnton insert;				
V O	Henry	35	30	81	21	1 3	Apl'80	Nov'81	R N.C.Geological Survey
	Page 5				Davidson College For Smithsonian College read Smithsonian Collection.				
					For STANLEY read STANLY				
					Before Attaway Hill insert;				
V O	Albemarle	35	18	80	11 650	4 0			N C.Geological Survey.
					Under MOORE insert;				
V O	Carthage	35	23	79	23	2 7	Jun'80	Dec'82	N.C.Geological Survey
V O	Manly	35	18	79	22	1 5	Dec'81	Dec'83	N.C.Geological Survey
	Page 6				Under NEW BERNE insert;				
V O	"	35	03	77	02	12 10	0 Feb'72	Dec'82	N.C.Geological Survey
	Page 7				For Fort Johnson read Fort Johnston.				
	Page 8				For Kingston read Kinston.				
					For Kelley's read Kellys				
					Omit Rutherford - --Rutherford				
					For Rock Springs ---Hillsborough read Rock Spring---Orange				
					NORTH DAKOTA				
	Page 1				For RAMSEY read DENSON				
					For Fort Stephenson read Fort Stevenson.				
					OHIO				
	Page 1				For Areola read Areoles.				
					For Austinsburg read Austinburgh				
					For New Reigel read New Riegel				
					For Nicholasville read Nicholsville.				
					For Norton read Norton Centre				
					Yankeetown For Washington read Darke				
					Fort Washington Add HAMILTON Co.				

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		° ′	° ′						
				PENNSYLVANIA					
	Page 1		For Condersport read Coudersport.						
	Page 2 Salem Corners		For Hamilton read Hamlinton.						
			After South Eaton insert;						
	LACKAWANNA								
V.C	Abington	41 31	75 47	1183	11 0	Jan'64	Dec'74		Sm.Col.temp.rain.
	Page 3		Omit North Abington record.						
	Page 7		For Avondale read Avondell						
				RHODE ISLAND					
	Page 1		Fort Walcott should be entered under NEWPORT						
				SOUTH CAROLINA					
	Page 2		For DARLINGTON read FLORENCE						
	Page 3		Yemassee should preceede BEAUFORT						
				SOUTH DAKOTA					
	Page 1		Fort Sisseton should be entered under MARSHALL before Walworth						
			Fort Meade and Smithville should follow Spearfish under the heading MEADE						
			For CLARKE and Clarke read CLARK,Clark						
			For Fort Pierce read Fort Pierre						
	Page 2		For Olive read Olivet						
				TENNESSEE					
	Page 1		For Castalina Springs read Castalian Springs.						
			For Caroyville read Caryville						
			For CHATHAM read CHEATHAM						
	Page 3		For Cookville read Cookeville						
	Page 7		For Barren Plains read Barren Plain.						
			For Flippen read Flippin.						
			For Hollow Rocks read Hollow Rock.						
			For Leadville read Leadvale						
			For Ruthledge read Rutledge						

Er.15

X Record broken.

[illegible]

[illegible]

Page 1	For Cumberland Road Department.	
Page 2	For Hillsboro Road Department.	
	Letter South Water Street;	
[illegible]		
[illegible]	[illegible]	[illegible]
Page 6	Left Hamilton Hamilton Street.	
Page 7	For Avondale Road Avondale	

[illegible]

Page 1	Port Albert should be [illegible]

[illegible]

Page 2	For Kelly Drive Road Kelly
Page 3	Tomatoes should provide Delivery

[illegible]

Page 1	Port Director should be Motor Motor [illegible]
	Port Road, Port Matthews should follow Operation under the
	Matthew Road.
	For Chelsea and Clarke Road Chel.,Clark
	For Port Matthews Road Port Matt
Page 2	For Main, Road Street

[illegible]

Page 1	For Cottaloo Springs Road Cottaloo Springs.
	For Gerrysville Road Gerrysville
	For Gerrysville Road Gerrysville.
Page 6	For Coxville Road Coxville
Page 7	For Barren Flatt Road Barren Flat.
	For Tiger Road Tiger.
	For Hollow Weeks Road Hollow Work.
	For Lewisville Road Lewisville
	For [illegible] Road Hilltop

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		° ′	° ′						
					VIRGINIA				
	Page 1				For Accotink read Accotink				
					Under FAIRFAX insert;				
V O	Lewinsville	38 56	77	12	180 1 5	Jun'58	Oct'59		Sm.Col.temp.rain.
	Page 2				Omit Lewinsville				
					For Charlottsville read Charlottesville				
					For Montrose read Montross				
	Page 3				For ACCOMACK read ACCOMAC				
	Page 4				For NOTTAWAY and Nottaway read NOTTOWAY and Nottoway				
	Page 5				For Abington read Abingdon.				
					For Heathville read Heathsville				
					Add Lewisville---King George				
					For Critchen's Store read Crichton's Store				
					WEST VIRGINIA				
	Page 1	Sheetz Mills			For 39 10 80 30 read 39 25 78 40				
	Page 2				For Wirt C.H. read Elizabeth(Wirt C.H.)				
					Under RANDOLPH insert;				
V O	Helvetia	38 30	80	20	1400 12 1	Jan'77	Jan'89		Temp.wind.rain.
	Page 3				Omit Helvetia				
		Buffalo			For UPSHUR Co.read PUTNAM Co.				
					For Hattonsville read Huttonsville.				
					WISCONSIN				
	Page 1				For LINCOLN read ONEIDA				
		Rhinelander			For May '89 read Mar'89				
					For Mosine read Mosinee				
	Page 2				For New Donemore read New Danemore.				
					For MARQUETTE read GREEN LAKE				
	Page 3				For VERNON read CRAWFORD				
					For Bellefontaine read Bellfountain.				
	Page 4				For Aztalon read Aztalan				
					For Waukeska read Waukesha				
					For Cresco read Ceresco				
					After Lebanon read Menasha				
		New Holstein			For Columbia read Calumet				

X Record broken.

ILLINOIS

Page 1		For Jerseyville read Jerseyville	
		Under DISTRICT insert;	
V 4 Lewisville	24 30 77	12 120 1 5 Jan'83 Oct'92	Sm.Col.temp.rain.
Page 2		Omit Lewisville	
		For Chn Ottsville read Chart Ottsville	
		For Montross read Montross	
		For ACCOMAC read ACCOMAC	
Page 3		For NOTTOWAY and Nottoway	
Page 4		For Arlington read Arlington.	
Page 5		For Hartfville read Hartsville	
		Add Lewisville---King Centre	
		For Crittenden's Store read Crittenden's Store	

WEST VIRGINIA

Page 1	Sheets Mills	For 26 10 80 30 read 26 25 78 40	
Page 2		For Mrt C.H. read Mineralwell(Mrt C.H.)	
		Under RANDOLPH insert;	
V 0 Helvetia	28 30 80	20 1800 12 1 Jan'77 Jan'89	Temp.wind.rain.
Page 3		Omit Helvetia	
	Buffalo	For UTICA read UTICA Co.	
		For Huttonsville read Huttonsville.	

WISCONSIN

Page 1		For ALGONQUIN read OMEGA
	Philadelphia	For Ivy '20 read Apr'89
		For Mosing read Losing
Page 2		For New Donemora read New Denemore.
		For MANCHESTER read GREEN LAKE
Page 3		For VALEJO read CRAWFORD
		For Bellefontaine read Bellefountain.
Page 4		For Ashland read Ashland
		For Waukesha read Waukesha
		For Cresco read Cresco
		After Lafayette read Lafayette
	New Holstein	For Columbia read Calumet

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		° ′	° ′						
					TEXAS				
	Page 3				Fort Chadbourne should precede TOM GREEN under the heading COKE				
	Page 5				For Fort Terrett read Fort Terrell and insert above it the heading KIMBLE				
	Page 6				For BURLESON read LEE				
					Omit BASTROP and Pin Oak				
	Page 7				After Round Top insert;				
V O	Pin Oak	29 45	97 02		1 0	Jan'53	Dec'53		Sm.Col.temp.rain.
					For MEDIA read MEDINA				
					Gallinas should precede BEXAR under the heading ATASCOSA.				
					UTAH				
	Page 1				For UINTAH read UINTA				
	Page 2				Moab should follow Price under the heading GRAND				
					WYOMING				
	Page 1				For UINTA read UINTA				
					Under CONVERSE insert;				
M I	Fort Fetterman	42 50	105 30	5250	13 0x	Nov'68	Jan'82		Temp(max-min).wind.rain.bar.
S S	"				3 1	Aug'77	Oct'80		Temp.wind.clds.rain.Sunset Station)
S S	Hat Creek	42 57	104 50		3 0x	Oct'77	Sep'80		Temp.wind.clds.rain.(Sunset Station)
	Page 2				Omit Fort Fetterman and Hat Creek.				
	Scott Camp				For Winta read Uinta.				

Mr.17.

X Record broken.